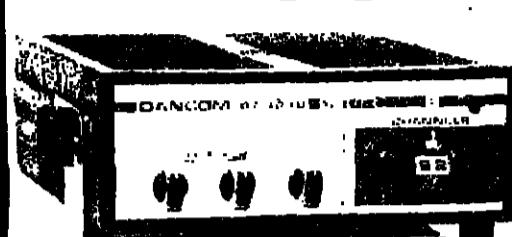




Neco Communications  
present the

# DANCOM RT403B



The "No Crystal" VHF/RT

All international maritime channels plus option of five private channels. Total of 80.

Dual watch facility, monitors Ch 18 and selected channel simultaneously.

External compact 89 x 118 x 275mm.

12 or 24v DC, 110 or 240v AC, supply options.

ONLY £498.00

For more information contact:

**NECO Communications  
Limited**

**FREEPOST**, Enefco House, The Quay,  
Poole, Dorset, BH15 1XJ.

Telephone, Poole 79894 Telex, 417295  
(FREEPOST, NO STAMP REQUIRED)

## Mercraft



14 models - 68HP to 250HP

**Well Engineered Modern Design**

MERCRAFT MANUFACTURING CO. LTD.  
Church Street, Lillington, nr. Royston, Herts.  
Telephone: St Neots 0763 652217/8  
Telex: 849462 TELFAC

## FISHERMEN'S MISSION

### SERVING and CARING

For Shipwrecked, Sick,  
Distressed, Disabled, Retired  
and Sea Going Fishermen  
their Wives, Widows and  
Children

### THIS IS OUR BUSINESS

Will you share in this ministry by  
sending a generous donation to  
Royal National Mission to Deep Sea  
Fishermen

43 Nottingham Place,  
London W1M 4BX

Chairman: Admiral Sir Charles Madden, Bt., G.C.B., D.L.  
Secretary: J. C. Lewis Esq., O.B.E., J.P., F.C.I.S.



Patent H.M. The Queen

25 years' constant service to fishermen and their families

# BAN ON EEC BOATS LIFTED TEMPORARY DEAL WITH NORWAY

DISTANT water trawler operators breathed a sigh of relief last week when Norway decided to waive the ban on all EEC vessels and agreed temporary fishing quotas for the first three months of next year.

Norway comes out of the agreement very well with a 'stand-still' on catches in EEC waters.

Norway has also been given a quota for 35,000 tons of Norway pout and sandeels to be taken in three months.

There is a 2,000-ton allowance for redfish west of 20° East.

The Norwegians have been allowed a 2,000-ton catch of Greenland shrimp and 1,500 tons of herring off the west coast of Scotland. The herring quota takes in an allowance against unfinished quotas in 1977.

While fishing can start off Norway from January 1, a fishing plan has to be submitted by the first week of the month. Licence applications have to be made by January 10.

At Grimsby BUT, the only company with distant water ships at sea off Bear Island, immediately diverted them to the Norwegian waters in the frantic battle to pick up its allocation before the end of December deadline.

The company also put *Ross Kelly* back to sea and the freezer *Ross Vanguard*, although the latter was not definitely confirmed as heading for Norwegian waters.

Meanwhile, the Boston Group rapidly pulled out the laid-up *Boston Comanche* and she sailed on December 10. Consolidated Fisheries also managed to crew up *Barnsley*, from its ranks of laid-up distant water ships, and she sailed on December 14.

This was a creditable performance, considering the short notice Britain was given. There was virtually only two weeks of trawling time to secure the outstanding tonnage.

It is never an easy proposition getting trawlers to sea at short notice after they have been tied up for some weeks.

Nor is it simple to crew vessels on the run up to Christmas.

## 'Venturer' boat sinks as sea beats pumps

SIX SCOTTISH fishermen were rescued shortly before their fishing boat sank in the North Sea off the Northumberland coast last week.

The skipper of the Fraserburgh-based *Ocean Traveller* radioed for help after his boat sprang a leak.

*Ocean Traveller*, operating in the same area, raced to her aid while an air-sea rescue helicopter from Boultre flew out pumps and hoses from Seabourn.

The pilot, Flight-Lt Dave Carey, said later: "We lowered the equipment and when the crew assured us they were in no danger we returned to base".

Shortly after the crew realised their bid to save the boat was failing.

Four crewmen jumped on to the deck of *Ocean Traveller* and the other two were picked up after taking to a dinghy.

All six were later reported to be unhurt and returning to Fraserburgh aboard *Ocean Traveller*.

A coastguard spokesman said: "The crew thought they would be able to pump the water out, but the sea beat them and they had to abandon the vessel minutes before she went down".

The pilot, Flight-Lt Dave Carey, said later: "We lowered the equipment and when the crew assured us

vessels early in November caused a flurry of activity.

At Grimsby BUT, the only company with distant water ships at sea off Bear Island, immediately diverted them to the Norwegian waters in the frantic battle to pick up its allocation before the end of December deadline.

The company also put *Ross Kelly* back to sea and the freezer *Ross Vanguard*, although the latter was not definitely confirmed as heading for Norwegian waters.

Meanwhile, the Boston Group rapidly pulled out the laid-up *Boston Comanche* and she sailed on December 10. Consolidated Fisheries also managed to crew up *Barnsley*, from its ranks of laid-up distant water ships, and she sailed on December 14.

This was a creditable performance, considering the short notice Britain was given. There was virtually only two weeks of trawling time to secure the outstanding tonnage.

It is never an easy proposition getting trawlers to sea at short notice after they have been tied up for some weeks.

Nor is it simple to crew vessels on the run up to Christmas.

Twice in 1973 she broke the national trip earnings record. She had a £38,108 grossing on her second landing and £50,450 for her final trip of the year.

C. S. Forrester grossed a record £33,776 in January 1974, but *Hammond Innes* improved on this only days later with a £64,444 trip when John Cannan was relief skipper.

*Hammond Innes* broke her own national record on February 5, 1974, with earnings of £72,216. This remained unbeaten until September 1976.

In November 1976 the Icelandic trawler *Ogri* made £78,807 at Grimsby on the day after *Hammond Innes* sailed on her first trip after long repairs.

Bill Brettell completed a Spitzbergen trip and set a new record by making £89,875 for 2,821 kits at Hull.

This record lasted just 90 minutes. *Ogri* — back in 1974/75 and was runner up in 1976.

She missed a lot of fishing time in 1976 while in dry dock for repairs, but still managed to become the second-highest earning wet fish trawler of the year. She also attained the best-over-all average in the British deepsea fleet.

With Eddie Wooldridge as relief skipper, she put up another outstanding performance on January 4, 1977. After a 20-day trip she earned £89,733 for 2,620 kits.

Since then *Hammond Innes* has made seven trips and had to go to Holland for main engine repairs. Later, she went to Tyneside for a survey.

Her last landing at Hull was on December 7.

Bill Brettell took the vessel

out new and remained her regular skipper, except in 1975 when he moved to C. S.

Forrester and Skipper Dick Taylor took over.

For last landing at Hull

was on December 7.

Bill Brettell completed a

Spitzbergen trip and set a

new record by making

£89,875 for 2,821 kits at Hull.

This record lasted just 90

minutes. *Ogri* — back in

1974/75 and was runner up in

1976.

She missed a lot of fishing

time in 1976 while in dry

dock for repairs, but still

managed to become the

second-highest earning

wet fish trawler of the

year. She also attained the

best-over-all average in the

British deepsea fleet.

With Eddie Wooldridge as

relief skipper, she put up

another outstanding per-

formance on January 4, 1977.

After a 20-day trip she earned

£89,733 for 2,620 kits.

Since then *Hammond Innes*

has made seven trips and

had to go to Holland for

main engine repairs. Later,

she went to Tyneside for a

survey.

Her last landing at Hull

was on December 7.

Bill Brettell took the vessel

out new and remained her

regular skipper, except in

1975 when he moved to C. S.

Forrester and Skipper Dick

Taylor took over.

For last landing at Hull

was on December 7.

Bill Brettell completed a

Spitzbergen trip and set a

new record by making

£89,875 for 2,821 kits at Hull.

This record lasted just 90

minutes. *Ogri* — back in

1974/75 and was runner up in

1976.

She missed a lot of fishing

time in 1976 while in dry

dock for repairs, but still

managed to become the

second-highest earning

wet fish trawler of the

year. She also attained the

best-over-all average in the

British deepsea fleet.

With Eddie Wooldridge as

relief skipper, she put up

another outstanding per-

formance on January 4, 1977.

After a 20-day trip she earned

£89,733 for 2,620 kits.

Since then *Hammond Innes*

has made seven trips and

had to go to Holland for

main engine repairs. Later,

she went to Tyneside for a

survey.

Her last landing at Hull

was on December 7.

Bill Brettell took the vessel

out new and remained her

regular skipper, except in

1975 when he moved to C. S.

Forrester and Skipper Dick

Taylor took over.

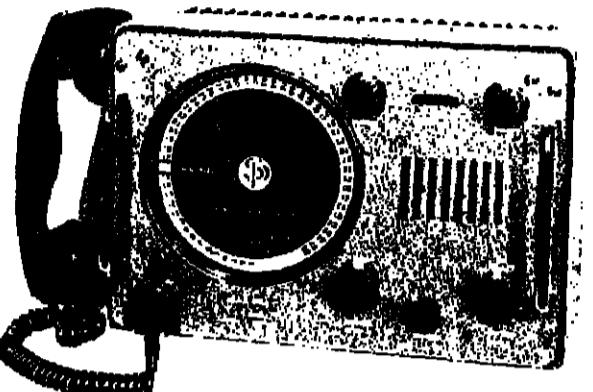
For last landing at Hull

was on December 7.

Bill Brettell completed a



# SAILOR marine radio equipment



## SAILOR 55 CHANNEL VHF

Details from  
S.P. Radio  
88 Park Lane  
Croydon CR8 2XT  
Tel: 5363/4

S.P. Radio  
8 Howard Street  
Edinburgh  
Scotland  
Tel: 556-3869

S.P. Radio  
Albert Street,  
Grimsby,  
Lincs.  
Tel: 55803

ANY DECCA DEPOT

## Aluminium:-

## Shelter Decks

## Wheelhouses

## Whalebacks

## Fabricated

and

## Repaired

**TECNOR**

Seagate Peterhead  
tele: 0779 2981 telex 73534

## Lay-out to suit GRP hull

"WE WANT TO buy a 32 ft. glass fibre hull, have it delivered to the boatyard here and fit it out for potting with the proprietor's help."

"Please send any ideas about suitable lay-out for a boat of this size."

"The method used to complete a standard Cygnus 32 with wheelhouse, fit it would suit your hull."

Below decks a standard Cygnus 32 has a chain locker forward, followed by a large fish hold, engine space and space for stores aft.

Above the store space is a wheelhouse large enough to accommodate not only all your navigating and electronic equipment but also a seat/locker or cooking/heating stove.

A mizzen mast is stepped immediately abaft the wheelhouse and a main mast a little forward of a hatch leading to the fishroom. The mizzen is designed to take a small steadyng sail and the main mast to be fitted with a derrick.

Navigating and fishing lights can be mounted on the main mast and aerials between the two masts.

The desirable feature of a Cygnus 32 is that the hull has rising sheer forward, meaning bulbous height forward is 2 ft. 6 in. in a standard version.

Haulers, installed in the Cygnus 32 when completed and fitted out principally for potting, depend on owners' preferences. Nowadays, most opt for hydraulic haulers with controls and secondary steering wheel installed close by.

Some have hauling head, controls and steering wheel incorporated in a console

and inshore waters, and Lowther & Co. (Whitby) and many other nets.

Particulars of its Kambria, Wessels and beam trawls are included and also details of the gill, trammel, ray, drift, drag, lyke, beach seine, shrimp and prawn nets supplied by the company.

Also included are details of its sheet, pot and creel netting, longlines, ropes and twines, floats, fish baskets, and protective clothing.

Catalogues are obtainable, free, from Bridport-Gundry Ltd., Bridport, Dorset, or its branches in Lowestoft, Whitby, Aberdeen, or Kilbybegs.

General interest to most owners and operators of UK fishing vessels is a booklet compiled by R. W. Blacker assisted by the MAFF Fisheries Laboratory staff at Lowestoft and Burnham-on-Crouch. Called "Fishing Prospects 1977-1978" it is published by the MAFF Directorate of Fisheries Research, Lowestoft.

Its title is misleading since the present lack of an agreed EEC Common Fisheries Policy makes predictions impossible. Nevertheless it contains valuable information, including the levels of catch of various species during the last year or two, descriptions of the present state of stocks and recommendations of various working groups of scientists about levels of Total Allowable Catch for 1977 and 1978.

Those fishing for mackerel and who may also be frustrated by quota impositions might find Laboratory leaflet No. 38 on herring mackerel of interest.

Also published by the Directorate of Fisheries Research, it was reviewed in *Fishing News* on November 25.

It is obtainable from the Ministry of Agriculture, Fisheries and Food (Publications), Tolcarne Drive, Pinney, Middlesex. There is also a complete list of Directorate of Fisheries Research publications currently available.

If you want to form a co-operative society or increase the activities of one, an account of the development of the Fishermen's Mutual Association at Pittenweem should interest you.

It is printed in the latest Newsletter (No. 13) published by the Scottish Federation of Fishermen's Co-operatives Ltd., based at 18 Claremont Crescent, Edinburgh.

Pittenweem fishermen formed a society many years ago to buy gear, chandlery, oil, etc. at bulk prices, and thus save money. It has flourished and has recently modernised its sales premises.

It is obtainable from *Fishing News Books Ltd.*, 1 Long Garden Walk, Farnham, Surrey — price £6.25.

Those interested in gear in all sizes of fishing vessels will find Bridport-Gundry's new catalogue almost as enlightening as John Garner's book.

Although it does not list the deepwater and mid-water trawls and seine nets made by the firm's associates companies in Scotland and Ireland, it contains details of a wide range of equipment for sale in each category.

I know there are several more concerns on the Yorkshire coast which specialise to some extent in these boats.

If you have any questions about boats, equipment, gear or methods, John Burgess is always prepared to try and answer them. If they are sent to me, I will stamp and return them with a reply.

## More coble builders

ON SEPTEMBER 30, I said that either J. and J. Harrison of Amble or Scarborough Marine Engineers of Sandgate, Scarborough, do build 26-ft. wooden cobles.

I know there are several more concerns on the Yorkshire coast which specialise to some extent in these boats.

If you have any questions about boats, equipment, gear or methods, John Burgess is always prepared to try and answer them. If they are sent to me, I will stamp and return them with a reply.

## John Burgess' Log



December 23/30, 1977

FISHING NEWS

## 'Sounding' for paper?

"I RECENTLY bought a boat with a Ferrograph G 500 fitted in the wheelhouse."

"We have used up all our recorder paper and wonder where we can buy another roll."

"■ Spare rolls of paper for Ferrograph G 500 as well as G 180 and G 240 sounders are available from Elliott Instruments Ltd., Station Industrial Estate, South Woodham Ferrers, Chelmsford, Essex."

Elliott Instruments supply spares and also service and overhaul sounders.

## Protecting timbers

"I AM NOW stripping the insulating material out of the fishroom in my 31ft. M.V.F. This includes supporting battens and wood lining, both of which are rotten."

"The oak frames and pinning planks behind the insulation are in very good condition and I would like to treat them with some preservative to ensure that they remain so before replacing the insulation."

"Can you suggest a suitable composition to use?"

"I should think that green or clear Cuprinol would be as effective as any composition for your purpose. But I should check with the manufacturer — Cuprinol Ltd., Alderwell, Frampton, Somerset — first. They may have a superior product."

## 40% more power... just right for medium & larger sized vessels!

The new Ruston DP 230 medium and large power pack contains a 1000kW alternator, a 1000kW generator, a 40kW motor and a 40kW generator.

It is designed to conform to the European Economic Community's environmental protection standards.

An increased 2000kW power rating is also available.

For further information contact:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

Or write to:

Ruston Diesel Ltd., Vulcan Works, Newton-le-Willows, Merseyside, L3 2SR. Telephone: 0925 422222. Telex: 502210.

# FISHERMEN'S SIGHT AT SINKING FEELING

## Fleetwood on the floor

FLEETWOOD hit rock bottom last week with a total of only eight vessels landing.

To add to the port's problems many of these ships had only small catches because of bad weather and indifferent fishing on the middle-water grounds.

The stern trawler *Gavina* came out top when she landed 338 kits, including 50 of cod, 20 of plaice, 220 of haddock, 50 of whiting, 20 of coley, 25 of roker and 40 of dogs, for a grossing of £16,021.

The side trawler *Wyre Conqueror* had one of the most successful trips of the week. Commanded by Skipper Bill Spearpoint, she returned after only 14 days with 652 kits which sold for £14,007.

The vessel's smaller sister ship — *Wyre Revenge* — also did well with 496 kits. Her 30 of cod, 225 of haddock, 30 of whiting, 35 of coley, 15 of roker and 115 of dogs, sold for £12,056.

### Pair trip

The port's near water trawler *Andrew Wilson* (Sk. Richard Farrer) overcame bad weather to return with 384 kits (35 of cod, 60 of haddock, 30 of whiting, 25 of coley, 20 of roker and 120 of dogs).

A difficult period for the port's pairs continued when the J. Marr and Son stern trawlers *Norina* and *Idena*

returned from a voyage hit by bad weather.

*Norina* (Sk. Bill Reader) landed 387 kits for a grossing of £13,044, while *Idena* (Sk. Gordon Wignall) made £10,552 from 301 kits.

The vessels, although not landing big quantities, were the mains supplier of cod during the week.

BUT'S Ross *Ramillies* brought home the last exclusively Bear Island trip of 1977.

## ANOTHER LOW AT GRIMSBY

DISTANT water landings also hit a new low at Grimsby last week when only BUT's Ross *Ramillies* (Sk. Ray Pepper) upheld the interests of the local fleet.

It was an inauspicious trip for the one-time steamer bringing home the last exclusively Bear Island trip of 1977.

After a long 26-day voyage in Arctic winter conditions, *Ross Ramillies* turned out only 717 kits (over 650 of codstuffs) to gross a mere £23,973 — an amount which landed her well and truly in debt for the trip.

Some of these losses were more than recouped by BUT which had another outstanding week on the near and middle water trips.

Skipper Ronnie Reeves in the 130-footer *Ross Zebra* really hit the jackpot at the beginning of the week with £30,718 from a staggering 1,281 kits after a 17-day Westerly trip.

With large haddocks fetching up to £4 per 10-stone kit, *Ross Zebra* made the most of a huge 830-kit haul in her overall turnout.

It was the first time at the Humber port that a middle water trip topped the weekly earnings, although the competition has never been weak from the distant water fleet.

There were also some fine performances by other BUT middle water ships and Denis Speck in *Ross Jaguar* bagged BUT's best North Sea trip with £19,994 from 623 kits.

H. L. Taylor's wretched recent luck picked up and the firm had a much improved week. Top earner was *Ogano* (Sk. Bob Penketh) with £16,744 from 574 kits mainly cod and haddocks, while *Sanda* (Sk. Bill Hodson) picked up £15,193 from 565 kits (including 143 of coley) from a beautifully mixed trip.

There was a change of luck, too, for *Boston Phantom* (Sk. Derek Brown). After numerous setbacks she really came good. Following a 15-day North Sea trip she grossed the week's best in the section with £22,024 from a catch including over 400 kits of quality haddocks.

Of the foreigners landing at Grimsby, pride of place went to the nearly new Faroese *Suddeur*, brought into the report by agents Danskif (Fisk Salenien) Ltd. Skipper M. O. T. Madsen

Johannesen on his second trip in the ultra modern steel fisher — reported to have cost £1.2m. — easily outrusted the local fleet with £37,682 from 996 kits of top quality codstuffs, plus a few haddock.

At the other end of the scale, the inshore liners now sprouting in the Humber had one of their best sessions so far this winter. Prices seldom fell below £50 per kit and although *Lead Us* (Sk. Jackie Mountain) brought in the top trip of 14 kits, easily the busiest was *Courageous II* (Sk. Nico Miles) which landed every day for a combined tally of 143 kits.

### Sailing orders

AN ORDER to exclude boats from the German Democratic Republic and Poland from fishing inside British limits has been approved before Parliament.

The order is under the Fishery Limits Act 1978 and will affect recent decisions made by the EEC Council of Ministers.

Amendments to the order requiring fishing vessels registered in certain foreign countries to have a licence to fish in UK waters have also been made.

### Engine firms second order

SKIPPER Erik Nielsen of the seiner *Well Bank* has ordered a Scania DSL 11 to re-engine his vessel.

His decision follows the successful installation of the same model in the Grimsby seiner *Coirelach*.

This is certain to really open the door for Scania, the Swedish-owned company, at Grimsby.

The breakthrough with *Coirelach* and *Well Bank* is creating interest among owners considering re-engineing.

C. G. N. Engineering Ltd has secured the main contract for the main engine on *Well Bank*.

# Fish in changing times

## PROCESSING AND MARKETING

# SMALL FISH FIRMS IN TROUBLE

### Fastest crab picker in the west...

PAMELA MITCHELL of Plymouth (right) could be going into the Guinness Book of Records as the fastest crab picker in the west.

The question of subsidy for small firms, also put by the HBA, is being considered, said Mr. Bishop.

Tamar Fish Processors, where she works, claims that she is the fastest crab picker in the country. Her record — claws off, remove ends of legs, remove the legs, break crab in half and dismantle the body — all in 13 seconds.

"This way she can handle as much as 1,800 lb. of crab a day."

Tamar Fish Processors Ltd. is supplying crabs to seven countries as well as many top London hotels and restaurants. See page 18.



HEADLINE  
NEWS  
Supplement  
No 6, Dec 29/30

We can't keep up with road railmen

BRITISH RAIL (Scotland) wants a commitment from the fishing industry so that it can put on refrigerated wagons to carry fish south from Scotland.

Roy Harris, chief freight manager of the Scottish Region of British Rail, said this in evidence to the committee of MPs inquiring into the industry.

He added that BR, as a business, should be able to demonstrate that it was an ongoing economic proposition.

British Rail witnesses were closely questioned about the possibility of getting freight off narrow Scottish highland roads from Mallaig on to the railway.

Leslie Soane, general manager of Scottish Region BR, said that he knew of no request from Mallaig fish merchants for refrigerated fish wagons to be provided and Mr. Harris agreed.

It all came back to the question of a commercial proposition, said Mr. Soane. They could not at present match the Dutch lorries which load and drive through the night to reach the Netherlands within 48 hours.

He agreed with Robin Maxwell-Hyslop (Con. Tiverton) that wagons could be taken from Mallaig to Fort William and on to the Channel ports, but the transit time would be slower than lorries.

BR would need a regular flow of traffic to justify a special train.

## Prestcold gets the temperature right

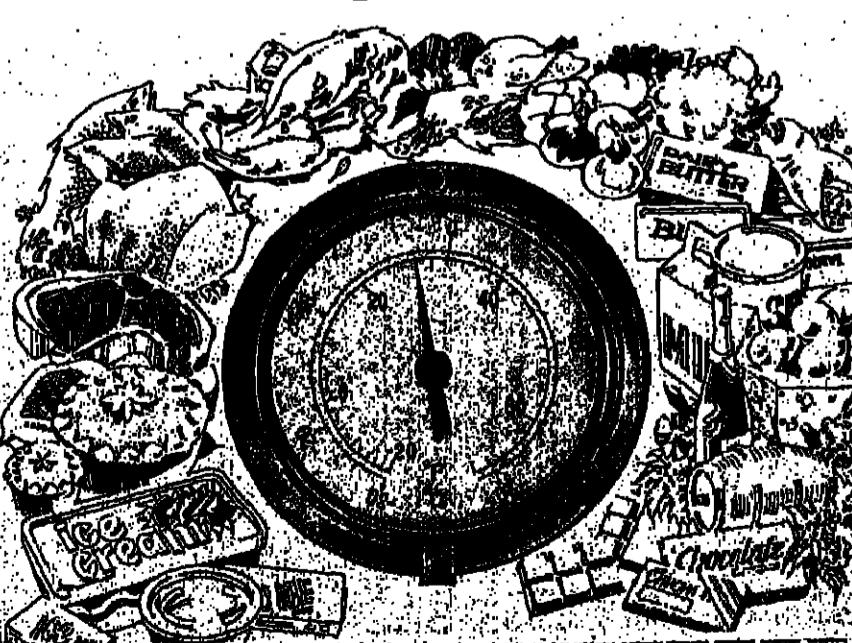
Storing and displaying different commodities at correct temperatures calls for experience and expertise in refrigeration. The kind, in fact, that Prestcold has been offering to every category of user for over 40 years . . . both as an equipment manufacturer and contractor.

In practical terms this means four factories which export around 50% of total production to 91 tough overseas markets; nearly 4000 employees; and a national UK sales and service network which will advise on any cooling, chilling, freezing or air conditioning application.

From design and layout through to final commissioning and maintenance you are dealing with specialists dedicated to ensuring that you get the best return from your investment.

Dial your correct temperature by telephoning your nearest Prestcold branch or post coupon.

Please contact me about refrigeration



PRESTCOLD

The greatest name in refrigeration

Name \_\_\_\_\_ Organisation \_\_\_\_\_

Telephone \_\_\_\_\_

Turn to page 11

**fishing news international**

**VESSEL OWNERS FLOW NORWAY**

Volume 17 No. 1  
January 1979  
75p monthly

Hand to your newsagent or send to:  
75-77 Ashgrove Road, Ashley Down,  
Bristol BS7 9LW.

Please supply me regularly with Fishing News International at 75p per copy.\*

Enclose £10 for one year's subscription (UK only, special rates for overseas).\*

Name \_\_\_\_\_  
Address \_\_\_\_\_

\*Delivery as applicable



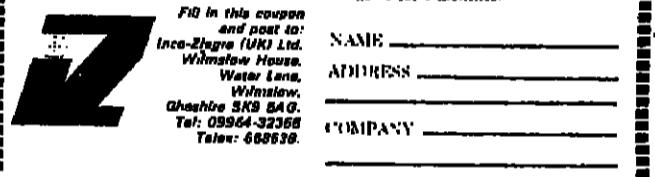
**ZIEGRA ICE**  
"Sea-fresh Fish from Quayside to Counter"

**Buy a Ziegria Ice Machine  
and cut your costs**

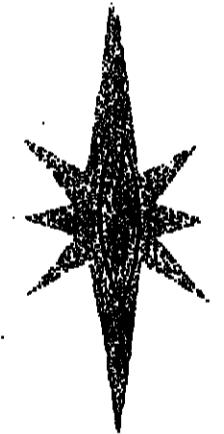
Inco-Ziegria, Britain's specialists in ice systems, offer you low running costs, reduced overheads, top quality ice and longer fish life. The range of compact machines available produce from 60 lbs. to 10 tons of ice per day.

Ideal for trawler, fish merchant, processor and retailer.

Please send me full details of Ziegria range of Ice Machines.  
NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
COMPANY \_\_\_\_\_



**Starwood  
Fisheries  
(Scotland)  
Ltd.**



SOUTH ESPLANADE EAST  
ABERDEEN AB1 3PB

Telephone (0224) 871288, 871389, 875425  
Telex 73201

**FRESH & FROZEN  
FISH PROCESSORS  
& EXPORTERS**

**I.Q.F. WHITE FISH  
FILLETS A  
SPECIALITY**

**FISH HANDLING, processing and marketing**

## Fishermen take a share in new block factory

A £250,000 fish processing factory just opened at Symbister, on the Shetland island of Whalsay, has more than 20 fishermen as shareholders.

"There is a better understanding between factory and fishermen as they are keen to support their own venture," said John Tait, the founder of Whalsay Fish Processors Ltd.

The factory, the biggest single employer on the island, solves most of Whalsay's unemployment problem. At present 60 people are employed, many of them being the wives and relatives of the shareholding fishermen.

The idea of a processing plant on the island was put into action six years ago by Mr. Tait, a former school teacher. During that time the factory was "the old fish house" at Symbister — a curing shed. Fish was filleted there and then taken by lorry to an old school at nearby Brough which had been converted to handle packing and freezing.

It was realised that, for maximum efficiency, a new plant was needed, and a building firm was called in. Building work began at the

beginning of this year and the factory opened in October.

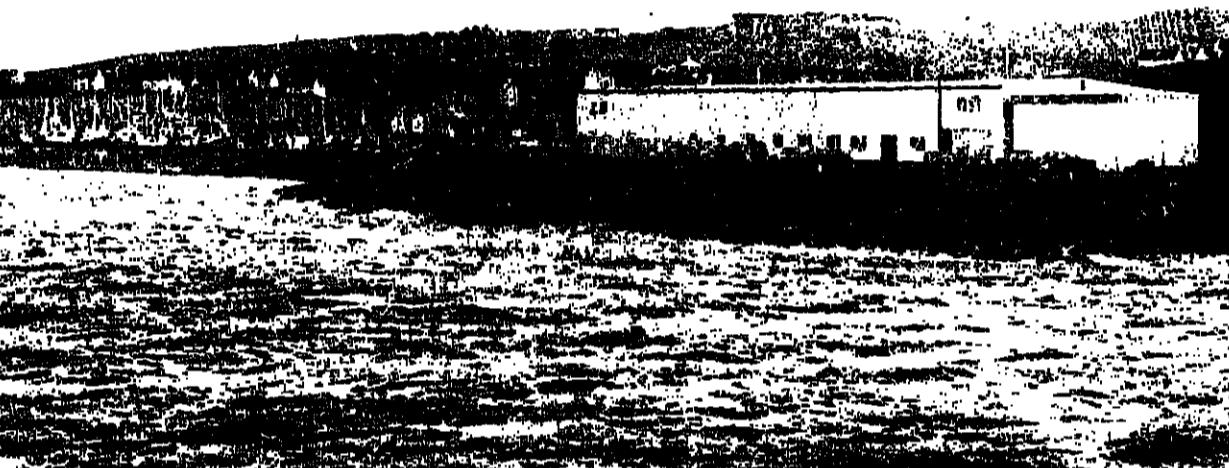
The building is 48 metres long, 20 metres wide and has a 150-ton cold store. Maximum fish cutting capacity is 400 six-stone boxes per day.

### Machines

The plant employs 20 filleters and is equipped with a Mobe grading machine, five Baader 48 skinners, one Trio Skinner, Baader 181 fillet and 694 bone separator, plus three Jackstone-Froster freezers.

Below: the new Whalsay fish processing factory seen from the sea. It has been built next to Whalsay harbour.

Right: most of the white fish landed at Whalsay is now processed in John Tait's plant. Over 20 fishermen have shares.



## BONNY ISLE LAMINATED FISH BLOCKS

- ★ 16½ lbs or 13½ lbs
- ★ Guaranteed Quality
- ★ Competitive Prices
- ★ Regular Supplies

**WHALSAY FISH  
PROCESSORS LTD.,  
WHALSAY, SHETLAND**  
**Tel: Symbister (080 66) 280**  
**Telex: 75465**

**FISH HANDLING**

## share in new block factory



## Sprat minimum 'too high'

SPRATS are being sold in Southern Ireland at about £8 a can but UK fishermen are demanding £12 and over. This difference in prices is claimed to be stopping buyers trading.

Mr. O.W.S. Dyson, secretary of the Herring Buyers' Association, claimed that POs were asking too high a minimum price for sprats.

The POs are insisting on a minimum price that was not a minimum price at all.

"If you put the minimum too high then buyers will lose interest and go elsewhere."

"I have already heard of people going across to Ireland for example," said Mr. Dyson.

The situation was that fish meal factories were full-up, yet there were buyers willing to take sprats for export and cannery contracts who are not willing to start at a minimum of £12.

Mr. Dyson said that he couldn't see why the minimum for human consumption should be so much higher than last year's figure of £10.

He was sure that buyers would be happy with an £11 minimum — but £12 was out of their reach.

The traditional Moray Firth fishery is producing a mixed catch and buyers could not take a chance on £12 a can if a fair percentage was going to go for fish meal.

The matter had been taken up with the Scottish Fishermen's Organisation and Mr. Dyson had been told the SFO would talk it over with its port committees.

Donald Loudon, chief executive of the Anglo-Scottish Fish Producers' Organisation, defended the decision to fix a minimum human consumption price of £12.86 a can.

Landings for human consumption require a lot more handling than for meal supplies, so there had to be an economic return for fishermen.

The Anglo-Scottish

minimum for human consumption was £10.50 last year and, it is understood, the SFO was operating a minimum human consumption price of £12 but were going to review it.

The Anglo-Scottish PO has had to restrict its sprat quota because of problems at fish meal factories.

The Hull plant was taking only a limited quantity. North Shields was not working and the new 24 m. reduction plant at Aberdeen (Fish Handling, page 12) is not yet fully operational.

In trouble

from page nine

processors use machinery: machinery is used also by white fish processors and by small firms.

"It has to be remembered that many of the large firms obtained investment grants when they installed their machines because the greater part of their operations were regarded as processing.

"The same grants were denied to smaller firms because processing was a minority part of their business. So the small firm could have started with a disadvantage anyway."

Representations have been made to government and this has been raised in the House of Commons, but at question time and in debate, little is needed in for any scheme for temporary help to extend to white fish as well as herring and in the small firm as well as the large.

There will be an attraction of vermin and blow flies and a serious problem for the quality of treatment that a fisherman will need to give his fish.

Mr. Buchanan added:



## MACKEREL PRODUCTS

10,000 sq. ft. factory and trained staff in Plymouth has excess capacity for producing fillets, headed and gutted, and round frozen fish. 20 ton per day Blast Freezing facilities. All enquiries welcome including export contracts.

**TAMAR FISH PROCESSORS  
LTD.,**

**Lockyer Quay, Sutton Road,  
Plymouth, Devon.**

**Telephone: Plymouth 28473 — Telex:  
45646**

*Be wide awake and go to  
SLEEP for the smile of  
satisfaction*

**LIGHTWEIGHT  
JACKETS**



The design incorporates a large storm collar which will quickly convert to a protective hood with a draw string. The jacket is closed with a double slider strong Swiss 'Riri' nylon zip which can be opened from either end, and this has an overlap fastened with 'Velcro' or press-studs. The hem has a draw cord and the sleeves have storm cuffs. The red lining is quilted to a 2.5 oz terylene thus making the jacket completely washable.

**HARTLAND**: The outer of this jacket is waterproof, practically indestructible nylon and is resistant to sharp surfaces, and is available in navy-blue, yellow, olive-green or red at £18.00.

**GIFFARD**: The outer here is of water-proofed 4oz nylon and comes in navy-blue or olive-green at £16.80.

**TRousers** to match the jackets can be made to order, with or without lining. Both of the above jackets are available with a heavier lining for extra warmth. 'Velcro' sealed pouch pockets for more room, and are marketed as the CROYDE at £19.70, and the LYNTON at £18.10. Prices are inclusive of postage, packing and VAT. Please state chest measurement when ordering.

**HORACE  
SLEEP**  
(INDUSTRIAL)

1 Ferrier St, Wandsworth,  
London, SW18,  
Tel: 01-874 2286

*Do you box fish at sea?  
Tired of high breakage  
rate?*

**IF YOU ARE TRY  
"THE TENNENT" WHITE  
FISH OR HERRING BOX  
IN 1978**

**It could be a better  
year for you**

Please send details of your blow moulded  
fish boxes.

Name .....  
Address .....  
Tel. No. ....

**CHARLES TENNENT  
& CO. LTD.**

214 BATH STREET, GLASGOW  
Tel: 041 332 6442  
Telex: 778188



**Ready-cooked Hot-smoked  
MACKEREL FILLETS  
and  
HEADLESS WHOLE MACKEREL**  
★ A superb new taste ★

● CONTAIN NO COLOURING  
● AVAILABLE FRESHLY SMOKED DAILY

Special frozen home freezer vacuum packs available



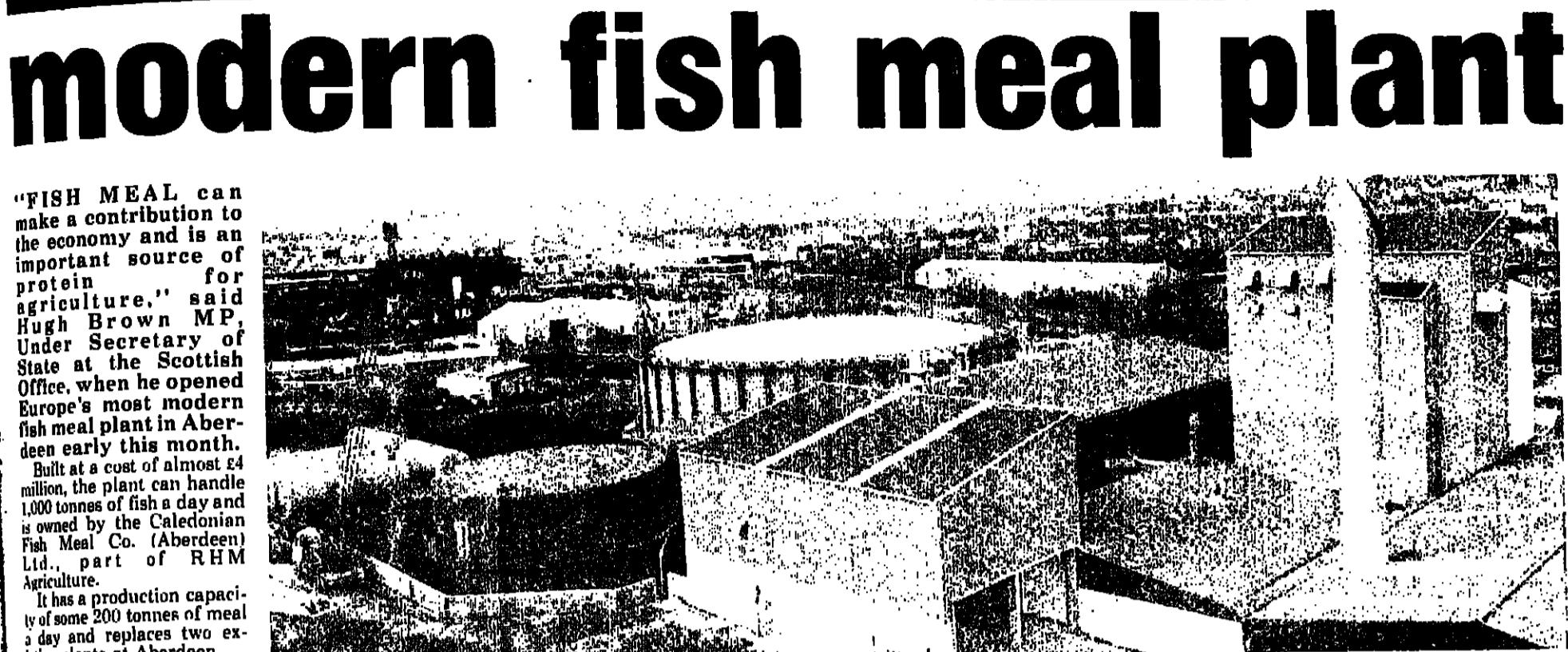
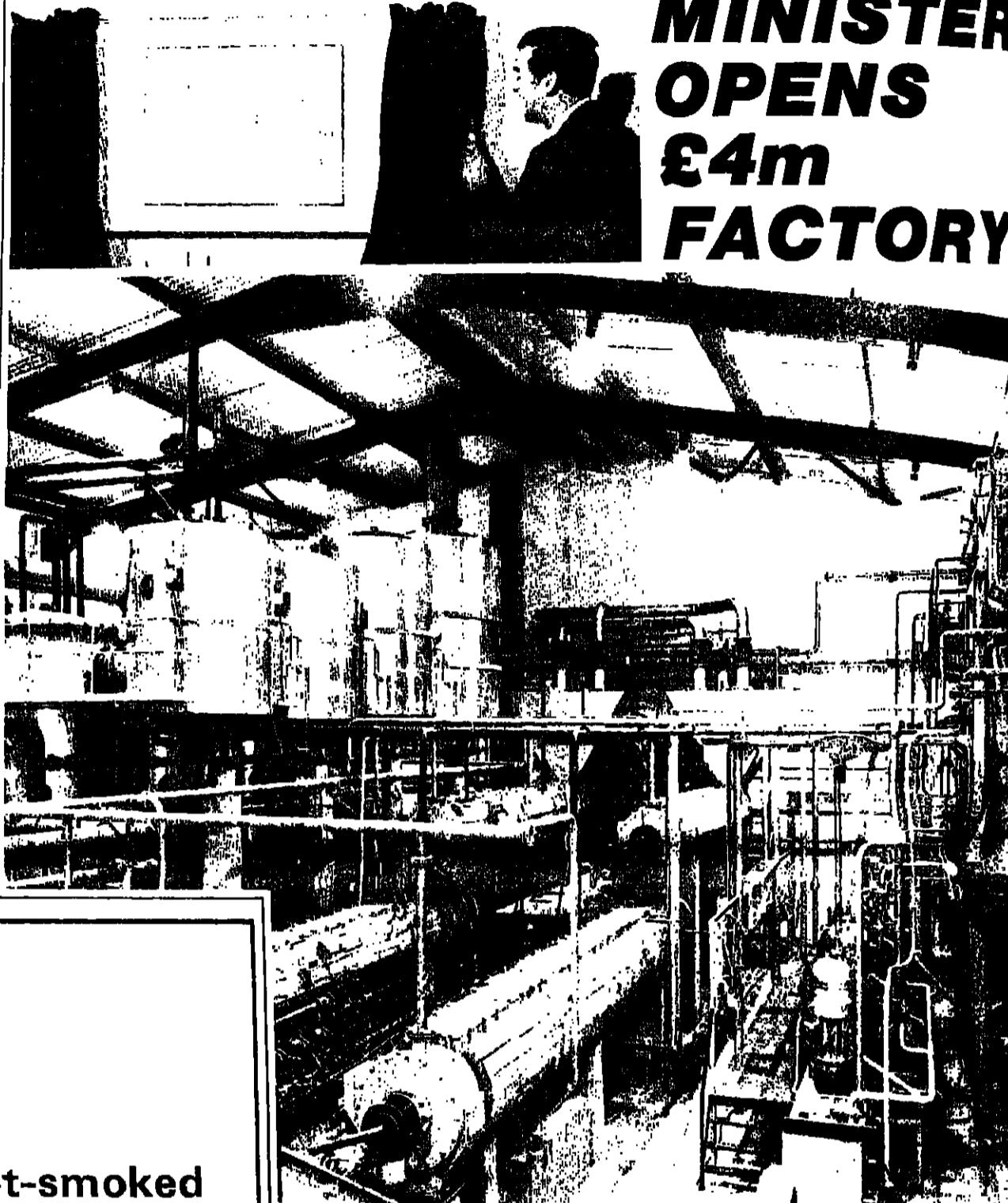
*Ernest Cox*

**ERNEST COX (GRIMSBY) LTD.**

P.O. BOX No. 19, CLEETHORPE ROAD, GRIMSBY DN31 3EE  
Telephone 50585/7 (STD 0 72), Telex 527150

# Europe's most modern fish meal plant

## MINISTER OPENS £4m FACTORY



"FISH MEAL can make a contribution to the economy and is an important source of protein for agriculture," said Hugh Brown MP, Under Secretary of State at the Scottish Office, when he opened Europe's most modern fish meal plant in Aberdeen early this month.

Built at a cost of almost £4 million, the plant can handle 1,000 tonnes of fish a day and is owned by the Caledonian Fish Meal Co. (Aberdeen) Ltd., part of RHM Agriculture.

It has a production capacity of some 200 tonnes of meal a day and replaces two existing plants at Aberdeen.

RHM Agriculture's production director, Mr. N. J. Fall, said: "The factory has been designed to conform not only to the regulations laid down in the Public Health (Scotland) Act, and local bye laws, but also to take into account the proposed Protein Processing Order."

"In design and layout it is, therefore, several years ahead of present day standards."

A special vapour treatment system is incorporated into the plant following a programme of research into odour suppression by the firm in co-operation with the Tully Research Station, the government's Warren Springs Laboratory and Robey boiler makers of Lincoln.

George B. Coutts, managing director of Caledonian, said: "About £800,000 of the total cost of the factory is directly related to odour abatement and effluent treatment."

The process from the reception of raw materials to the packing and storing of the finished product is subjected to odour control and is entirely enclosed.

Raw material is taken to the plant in sealed trucks for discharge into hoppers in an enclosed reception bay.

Air from the reception bay is vented to the atmosphere through an activated carbon bed, so that smells from the raw materials do not escape.

The raw materials are then pumped along pipes into storage silos, from where they are then pumped on to the processing lines.

All air from the storage silos, and the vapours from the processing machines, are extracted to the vapour treatment system in which they are scrubbed by seawater pumped from the dock to the factory and returned to the sea.

Further research and development work aimed at upgrading the potential of these specialised products is an important part of company policy, with the possibility that products could be suitable for human consumption.

Fish meal has been produced in the firm's old site at Palmerston Road, Aberdeen, since 1904 and the Caledonian Fish Meal Co. (Aberdeen) Ltd. was formed in 1962 (previously the fish meal operation was part of the Caledonian Milling Co. Ltd.).

Caledonian then took over the Mutual Fish Products Co. Ltd. in 1964 and was acquired by Carabos Ltd. one year later. Carabos became part of RHM (Rank Hovis McDougall) in 1968.

Young's Seafood processing plants are down in Devon, up in Lerwick, over in King's Lynn, across in Stornoway.

So we're a national company, both in production and distribution. But we're also local—for one of the most

important things we've learned in 172 years of seafood business is that the personal touch really matters.

You can rely on Young's.

You can rely on British seafood too. Because—like

Britain's fishermen and our customers—we have full

confidence in the quality of this country's world-famous seafood.

**After 172 years,  
we've spread a bit.**



## Inquiry MPs visit Shetlands

THREE MPs on the House of Commons sub-committee inquiring into the fishing industry visited Shetland fish processing factories at Whalsay, Scalloway and Bressay this month.

Shetland Islands Council has been pressing for some time for members of the committee to visit Shetland, but they had been unable to do so because of pressure of work.

At the end of their visit Mr. W. E. Garrett, Labour member for Wallsend, the coun-

cil's director of research and development.

The MPs were told by Mr. Hunter that fish is the only raw product Shetland has—probably the most profitable in the North Sea.

He did not think international agreement would ever be reached as the wrangling and struggle in Brussels was only procrastination, he said.

"Time is not on our side," he told the MPs. Unless a conservation policy is observed he thought the fight was lost. Shetland fishermen wanted a regional policy of a 50-mile limit, while they would have a say in their destiny.

Shetland Islands Council has asked fisheries minister John Silkin for an early meeting to discuss fisheries matters—particularly the view to having a regional council for Shetland.

They could provide advice on presenting a case for anti-dumping action to be taken, he said.

## Lobster 'dumping' —advice on action

IF BRITISH fishermen think Canadian live lobsters are being dumped at prices which are causing them injury they should get in touch with Department of Trade officials, suggested Michael Meacher, Under Secretary for Trade, in the Commons earlier this month.

They could provide advice on presenting a case for anti-dumping action to be taken, he said.

**Young's**

Britain's leading seafood specialists

Young's Seafoods Ltd., Mutual Fish Products Ltd., Elizabeth Street, London SW1V 9RE. Tel: 01-730 0942

FISH HANDLING, processing and marketing

# Fish handling 'Soviet-style'



Far left: salting and brining mackerel aboard the Russian factory mothership *Rybak Latvii*. Left: a quiet smoke for two crew on the Scottish purse seiner *Sette Meri* as they watch their 35-ton shot of mackerel being transhipped at sea off Falmouth.

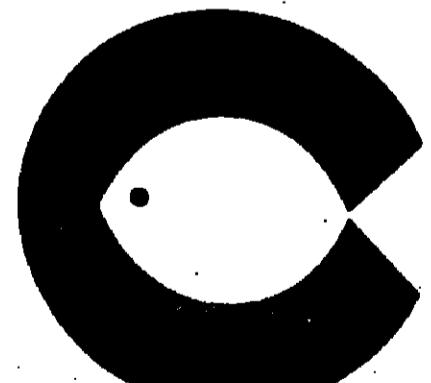
Below: Tomasz Ciechowski, link man for Joint Trawlers Ltd., tells his way in to *Rybak Latvii*. A former fisherman, he has worked with Russian motherships all over the world and is proving a big asset to British fishermen.

Below far left: *Rybak Latvii*'s captain, Kostyza Nikolay, is from the Ukraine. Below left: overseeing the operation, Terry Nichols from the Sea Fisheries Inspectorate in London, with Russian political advisor Plotr Fibipovitch.



**COX FISH**  
2 MARCH ROAD,  
BUCKIE, BANFFSHIRE,  
SCOTLAND AB5 2BY

Telephone: Buckie 31736  
Telex: 739266 COXFISH



FRESH OR FROZEN  
FISH  
WHOLESALE OR  
RETAIL  
CURERS AND  
EXPORTERS

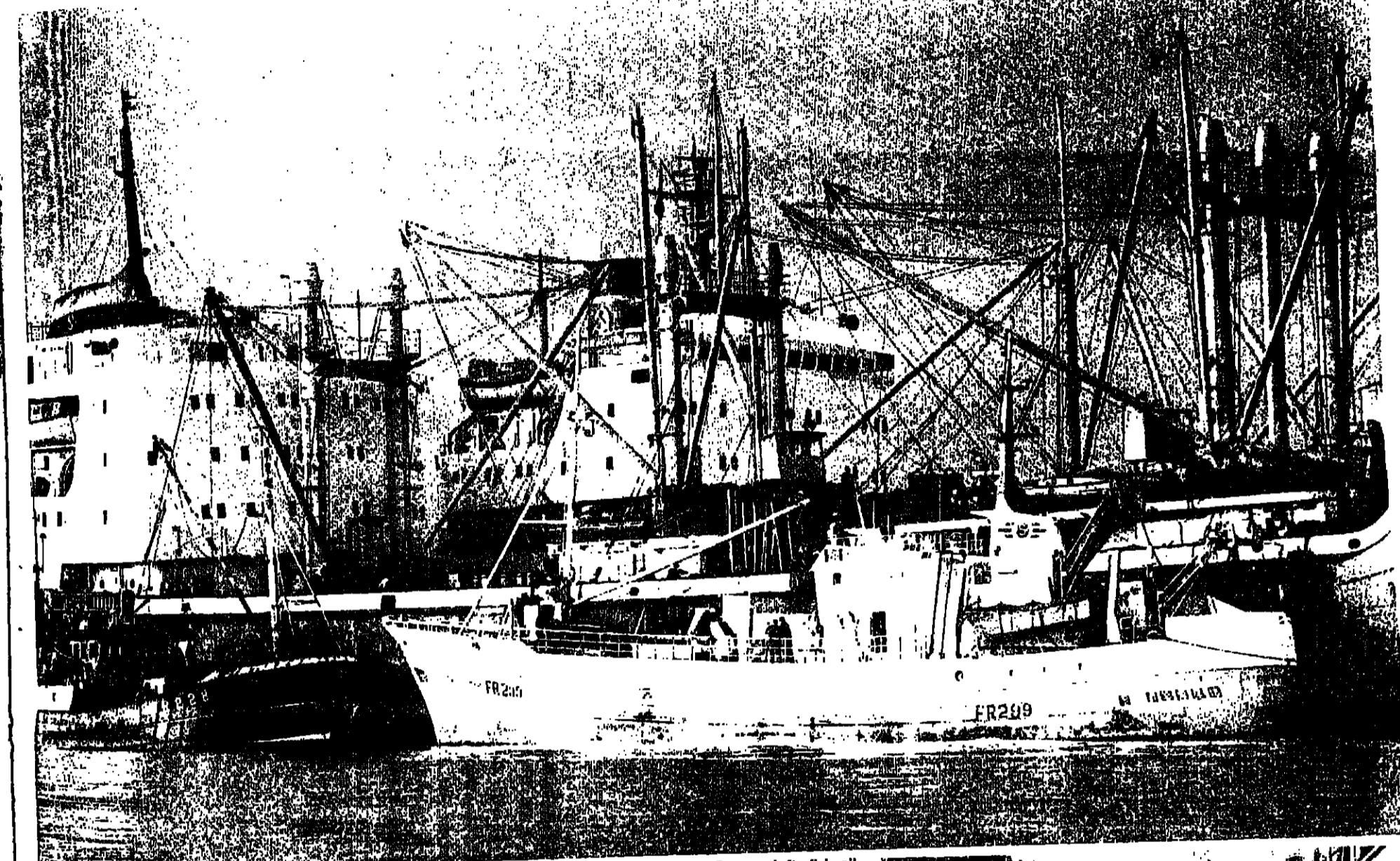
Proprietor H. A. W. Cox  
Tel: Banff 2540/2065

## In a class of their own

BOTH *Rybak Latvii* and *Antarktika* are B69-class factory motherships. Between 1967 and 1976 Polish yards built 35 of these vessels — mainly for Russia. *Rybak Latvii*, completed in 1975, was one of the last of this class to be built, while *Antarktika* was delivered in 1973.

Despite their 13,768 gross tonnage (10,120 dwt) these vessels are no slouches when it's time to get moving. They can manage around 15.5 knots from a Burmeister and Wain Ceglejaki diesel engine which develops 7,200 hp at 138 rpm. The basic B69 is a single-screw ship with two continuous decks, engineroom right aft and bridge superstructure forward.

The B69 is 538ft. long overall and 489ft. between perpendiculars. Moulded breadth is 70ft., with a depth to upper deck of 41ft.



Scottish purse seiners *Sette Meri* and *Sedulous* (left) herd in against the factory ship. *Rybak Latvii* produces up to one-ton an hour. Bottom left: fish oil plant on *Rybak Latvii* produces up to one-ton an hour. Bottom right: mackerel being automatically discharged from *Rybak Latvii*'s Polish-built tunnel freezers. This system freezes down to 38 deg. C. in a three-hour cycle.

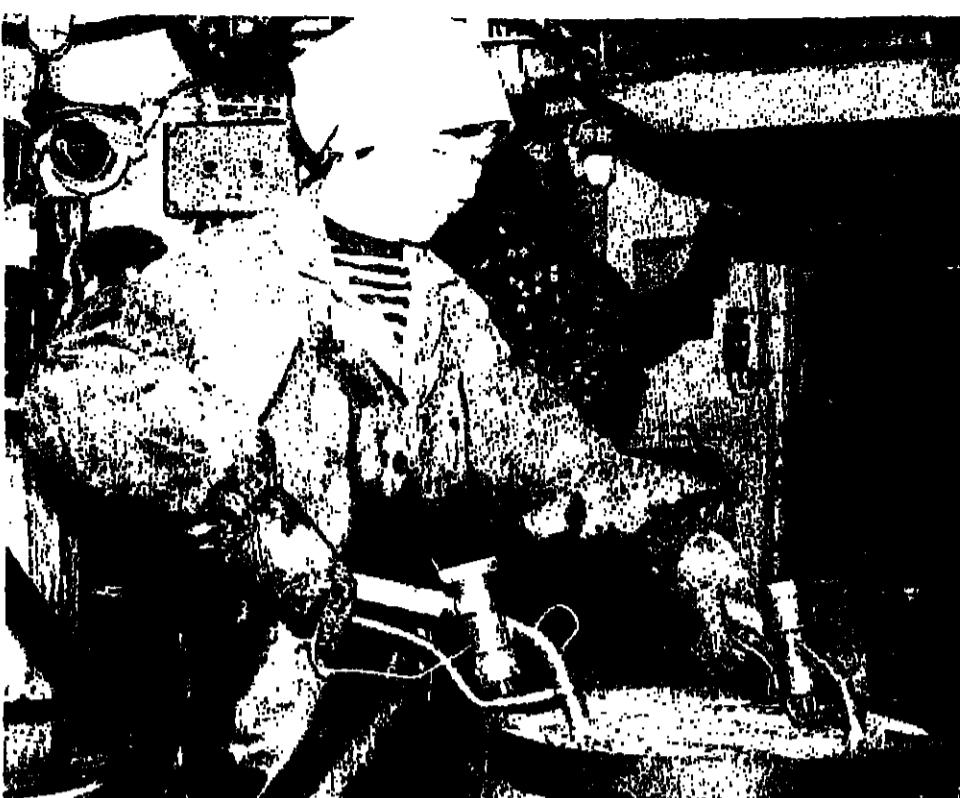
WORDS harry barrett

PICTURES herbie knott

# off Cornwall

FISH HANDLING, processing and marketing

## FISH HANDLING, processing and marketing



# THE SIGN OF THE YELLOW LOBSTER.



is a sure sign and a clear sign that cannot be denied  
where you see the name SCOFISCO the best fish have arrived!

## Scofisco

the finest of seafood from the clear, clean waters  
off the west coast of Scotland.

98 Carnethyhall Road, Glasgow G32 6AX.  
Telephone: 041-763 1414 Telex: Scots 778357

A Subsidiary of the Scottish Development Agency

# FLOATING FACTORY FOR ALL SEASONS

FROM THE heat of African gale-swept approaches the British Isles, the gypsy Kostiya Nikolay, of a crew aboard a Russian factory ship

For the 222 people aboard *Rybak Latvi* Christmas will be at sea off Falmouth during the return of the mackerel fleet for a holiday break.

Sister-ship *Antarktika* will be away from the coast — but only as far as Sweden where she has an Areco processing installed.

*Rybak Latvi* around 250 tons of fish a day and British boats are feeding maw with 800 tons of *Antarktika* is around 700 tons and carrier ships are using the fish back to the Union.

Contact with the *Rybak Latvi* is maintained through the advisor on board Captain Filipovich. During

hospitable lunch aboard, he asked *Fishing News* to express his gratitude to Scottish and English fishermen for the way they have co-operated. "It is an ideal relationship," he said.

Captain Kostiya Nikolay, in an interview, pointed out that while the bulk of processed fish goes back to the Soviet Union, some of it is re-exported to Africa and even, ironically, back to the UK.

When asked if he ever had a crewing problem, Captain Nikolay replied: "We have a waiting list".

He was equally emphatic on the subject of fish quality. He said he prefers to handle the purse seine-caught fish supplied by Scottish boats

working for Clipper Seafoods to the trawled fish. "The chilled seawater tanks make all the difference," he added.

The cavernous factory deck — despite its clutter of men, women and machinery — puts some of our shore plants to shame. High standards of hygiene and tidiness are maintained, with working conditions as good as could be expected in such an enclosed environment.

Once the mackerel hits the factory deck it is handled three ways: as fillets using Baader 181 machines; whole frozen and as a brined and salted product. In addition, there is a fish meal plant

almond which can produce

20-tonnes a day for animal feed

and a fish oil plant with a

capacity for up to one-tonne

an hour.

The bulk of the fish goes for whole freezing in Polish manufactured tunnels freezers. These freeze the fish down to 38-deg. C. in a three-hour cycle. Blocks of 10 kilos are frozen and eventually packed three blocks to a carton. The two air-blown tunnels can freeze up to 90 tons a day.

Fillets are packed and frozen in the same way. Just five to six per cent of the fish is processed into fillets, while the frozen whole fish goes back to the Soviet Union for canning or smoking.

Only the jumbo mackerel are used for fillets, with the medium going for salting and smalls being frozen whole.

The salted fish is packed in 85-kilo wooden barrels.

The Russian mackerel operation off Falmouth, Cornwall, is divided between the two factory mother-ships *Rybak Latvi* and *Antarktika*. Most of the British-caught trawl fish is taken aboard *Antarktika*, while *Rybak Latvi* is mainly handling fish from Scottish

(packaging)

*Rybak Latvi* is no stranger to British shores. During the summer she worked successfully off the Scottish west coast transhipping mackerel in an operation mounted through Joint Trawlers Ltd., which is also organising the Russian set-up off Falmouth.

At the centre of Joint Trawlers' south-west operation is Russian speaking Tomasz Ciechowski, who works in conjunction with Boyd Line of Hull and Clipper Seafoods of Aberdeen as suppliers. The Boston Group of Hull and Richard Irvin of Aberdeen are also linking-in their trawlers under an arrangement with Boyd.

A former Polish fishing skipper and now a British

Continued on page 24.

UNION  
COLD  
STORAGE

## FISH PROCESSING & STORAGE

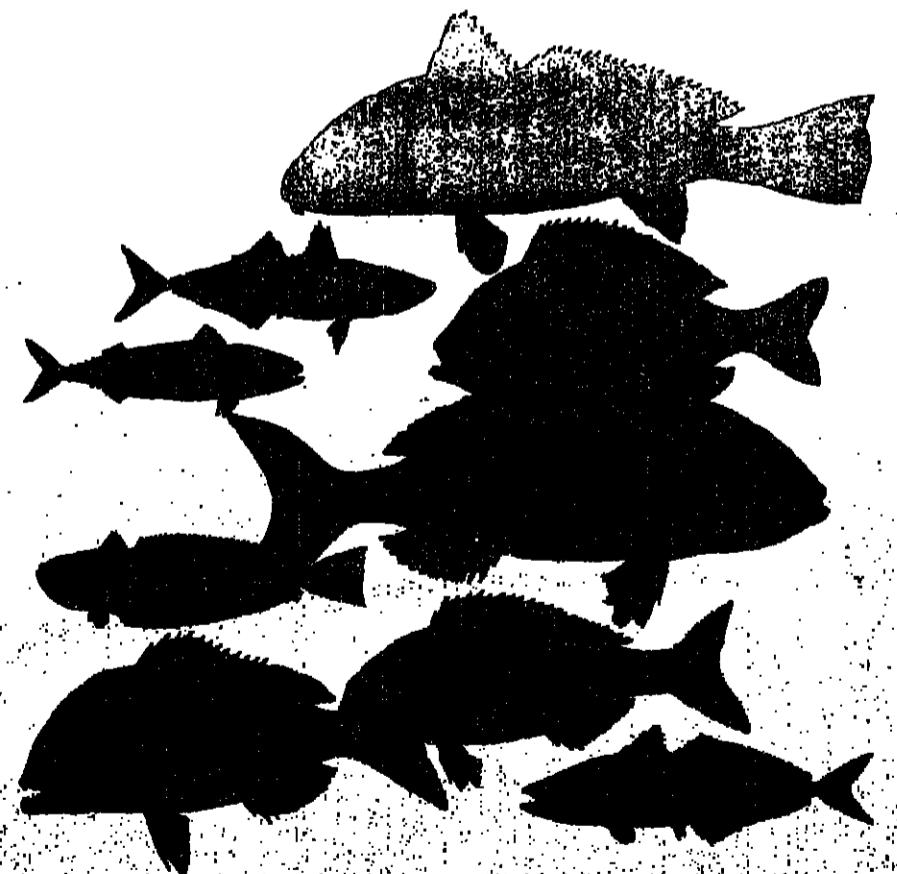
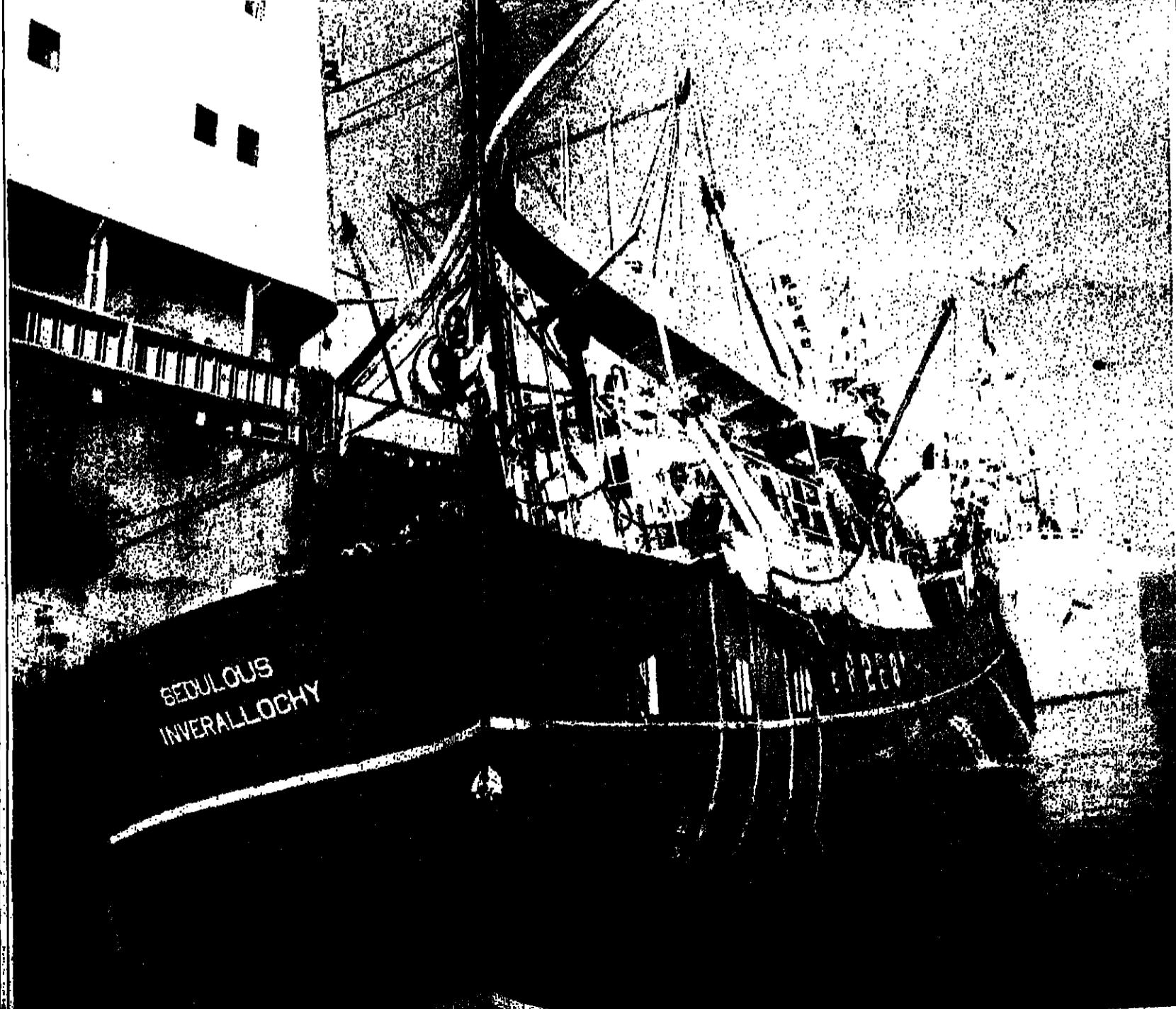
Fish processing storage at Aberdeen Cold Storage Co. Ltd., Conon Cold Storage Ltd., Union Cold Storage Co. Ltd.—Avonmouth, Glasgow and Hull (packaging)



## UNION COLD STORAGE CO LTD

14 WEST SMITHFIELD, LONDON EC1A 9JN  
TELEPHONE: 01-248 1212, TELEX: 24862 UCSDLNG

You know your fish...  
Do you know your market?



## Direct Sales to Nigeria

We have a market for most species  
Projects and joint ventures. Regular or single shipments  
For firm prices contact

Jaymike (London) Limited  
15 Chalcots Street  
P.O. Box 845, London NW1  
Tel: 01-228 3292, Telex: 261164  
Telex: Jaymike 200 104

IBRU  
Iceland Sea Foods Limited  
PMB 1165 Abuja  
Tel: 01-4600111  
Cables: Jaymike 200 104

Sell your  
**FROZEN FISH**  
to the U.K. marketing  
experts...

Wm Bennett suppliers of quality frozen foods to the U.K. catering industry are constantly seeking additions to their extensive range. At present they are interested in contacting suppliers of all classes of frozen fish in bulk.

If you would like to take advantage of the Bennett U.K. Marketing expertise, please contact –

A. J. Bennett Esq.,  
Managing Director,  
**WM.  
BENNETT**  
Frozen Foods Limited  
28 Ursgrave Close, Dove House Industrial Estate, Handsworth,  
Sheffield S13 9NP. Telephone 0742 697791. Telex: 54673

**GLOVERS SHELLFISH (Export) LTD**  
*Buyers of all species of*  
**SHELLFISH — WETFISH  
EELS — MOLLUSCS**  
**OWN TRANSPORT — PROMPT PAYMENT**  
ALCHORNE PLACE, AIRPORT INDUSTRIAL ESTATE,  
PORTSMOUTH  
Tel: Portsmouth (0705) 686951. Evenings 68694  
Telex: 86360

**GRIMSBY FISH MERCHANTS'  
ASSOCIATION LIMITED**  
FISH DOCK ROAD, GRIMSBY, DN 31 3NG  
ROAD TRANSPORT DISTRIBUTION SERVICE  
FISH SALESMEN VESSEL AGENTS  
**OVERLAND FISH AGENCY**  
Telephone (STD 0472) 50022  
Telex 52170 Telegrams 'Associate' Grimsby

**ALL SHELLFISH**  
Daily Consignments Required  
**R. BLOOMFIELD (Billinggate) LTD.**  
127-128 BILLINGGATE MARKET EC3  
Daily Sale Accounts. Phone: 01-628 7320, 7748, 4830.  
LABELS SENT ON REQUEST

**ATOS**

Smoke your own  
*The Breakthrough  
of the  
Century!*

The Mini-Kin can be used for the following products:

**COLD SMOKING** All white fish fillets, Finns, Blotters, Kippers, Salmon Fillets, Oysters, Bacon, etc.

**HOT SMOKING** Buckling, Mackerel, Trout, Sprats, Smokies, Sausages, Chickens, Turkey, Eels, etc.

Simple to operate — full instructions provided

Now for the first time a miniature version of the automatic "Torry" Smoking Kiln as used by all the major fish processing interests throughout the world is made available to the individual user.

DISTRIBUTORS IN ENGLAND FOR THE "ARENCO" RANGE OF FISH PROCESSING EQUIPMENT  
**AFOS LIMITED**, Dept. FTX, Manor Estate, Amble, Hull, HU9 5JL, England  
Telephone 01642 644555

## FISH HANDLING, processing and marketing

# 'Swedish-style' in big demand

CRABS landed in Devon and Cornwall are being exported to seven countries by a Plymouth firm.

The firm, Tamar Fish Processors Ltd., moved into new premises at Lockyers Quay in June this year and has handled some 24 million lb. of crabs, the bulk of which have been processed as whole cooked crab and sent to Europe and Canada for sale in supermarkets.

### Contract

The company has 26 crabbers fishing under contract and the steady expansion of these overseas outlets has enabled it to double the price of crabs to fishermen during the last three years.

About 80 per cent of all crabs landed in the area between Plymouth and Falmouth are now being bought by the firm but, even so, overseas interest is so keen that demand is exceeding supply.

However, the firm is in a position to deal with another one million lb. of crabs annually without the need for further investment in handling and processing plant.

Tamar Fish Processors Ltd. was set-up three years ago by Bill Dugmore, who saw the need for crab processing facilities in the area.

### East coast

Prior to this a large percentage of crabs caught by local fishermen had to be sent out of the area to processors as far away as the east coast of England.

Bill Dugmore felt that he could develop an overseas market by using a new system which had just been in-

troduced in Sweden for whole crab.

The whole cooked crabs are packed in nylon laminate bags and pasteurised to give a fresh shelf life of four weeks. Only the best and undamaged crabs are used to produce a top-quality product.

After being cooled they are packed in individual nylon bags which are vacuum sealed to remove all the air inside.

The bags of crabs are pasteurised by placing them in water at 200 degrees F. for 30 minutes to kill any bacteria still inside. When they have cooled they are taken to the blast freezer.

Growth in the overseas markets for pasteurised

whole crabs has enabled the firm to offer fishermen some 16p a lb. as against 8½p three years ago.

### Key men

It is helping to take surplus supplies off the UK market, especially in October when the Westcountry crab season is at its busiest.

The 20 vessels landing to the firm are in the 30 ft. to 65 ft. class.

Bill Dugmore says that fishermen's policy is to regard fishermen as being the key to the business — and to provide them with good services.

Bait is supplied by the firm and catches can be collected

from boats at any time.

The realistic prices now being offered by Tamar are said to be providing these boats with quite a good living at a time when operating costs are

high.

Damaged crabs, or those otherwise unsuitable for packing whole, are picked for meat to supply the UK market. These products include brown meat, white meat, brown and white dressed crab, and barbecued claws.

The factory can employ up to 90 people during the Westcountry crab season, which lasts from June until December.

Bill Dugmore says that an

efficient staff is the key to good processing. So, to maintain a steady staff of 70 people, the factory is now geared up to move into mackerel processing during the early part of the year.

There is a natural overlap

of products in the area as mackerel fishing is well under way when crab fishing is at its slackest.

There is a growing interest

in mackerel for human consumption owing to the ever-increasing price of cod — and Tamar is perfectly positioned to help develop this market.

Plans are in hand to produce blast frozen mackerel fillets for retail outlets, and about 15 tons a day of locally-landed mackerel could be bought on the open market.

Filleting will be by hand as,

in the long run, this method

can be as economical as

machine filleting.

Surrounded by his happy team of girls.



this  
way

BAADER 160  
BAADER 161  
BAADER 162  
BAADER 166

BAADER 159  
BAADER 162

BAADER 160  
BAADER 161  
BAADER 162  
BAADER 166

BAADER 159  
BAADER 162

BAADER 160  
BAADER 161  
BAADER 162  
BAADER 166

BAADER 159  
BAADER 162

BAADER 160  
BAADER 161  
BAADER 162  
BAADER 166

BAADER 159  
BAADER 162

BAADER 160  
BAADER 161  
BAADER 162  
BAADER 166

BAADER 159  
BAADER 162

BAADER 160  
BAADER 161  
BAADER 162  
BAADER 166

# Gutting

without throat cut or with throat cut, head on or head off, on the other hand the heading cut in different variations: — with adhering collar bones or with separated collar bones. For all cutting methods BAADER has the right gutting machine.

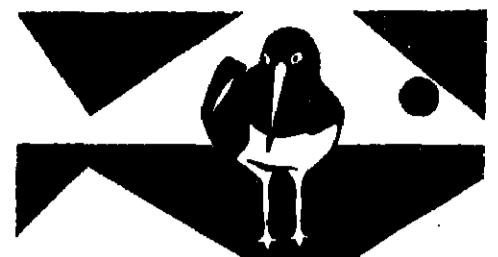
BAADER 159 guts without throat cut. It was designed as a gutting machine only, robust, simple and appropriate.

BAADER 166 and BAADER 162 gut with throat cut in different ranges of fish sizes. Both machines are also capable of heading by means of the round cut; the collar bones remain at the fish. Another type of machine removes the head together with the collar bones prior to gutting by one straight cut, that means throat cut and heading cut in one operation, then the machines are called BAADER 160 and BAADER 161.

BAADER DESIGNS ECONOMICAL MACHINES  
BASED ON MORE THAN 50 YEARS OF EXPERIENCE

NORDISCHER MASCHINENBAU RUD. BAADER®  
Postfach 1102 D-2400 Lübeck Tel. 025 839





## CHALDUR FROZEN FISH CO. LIMITED

East Side, Royal Dock, Grimsby.  
South Humber Side DN31 3NB  
Telephone GRIMSBY (STD 0472) 52171/2/3/4

Frozen at Sea Cod & Haddock Fillets. Ready cut portions of Cod, Haddock, Whiting, Saithe together with I.Q.F. Breaded & Unbreaded fish fillets & Portions.

## FLEMING'S SCOTTISH SCAMPI LTD

We are always interested in purchasing large or small consignments of prawns Head on, or Tails. All types of frozen Scampi and Fish available for home market or export at keenest prices.

ST. ANDREWS ROAD, ANSTRUTHER, SCOTLAND  
Telephone 310781 Telex 72376

## A. W. BUTLER (WHOLESALE) LIMITED

BILLINGSGATE MARKET,  
LONDON EC1

Importers and Exporters of all types of fresh or frozen fish and shellfish

PROCESSORS & DISTRIBUTORS  
of  
I.Q.F. KING & QUEEN SCALLOPS

## LIVE EEL SPECIALISTS

Communications:  
41 PARKSTONE AVE, EMERSON PARK,  
HORNCHURCH, ESSEX  
Telephone: HORNCHURCH 43316/43816

## HULL COLD STORES LTD.

Provides a complete quick-freezing and cold storage service for all types of fish and fish products.

Sub-zero stores (-30°C)

Vertical Plate Freezers

Horizontal Plate Freezers

Blast Freezers

Ideally placed for internal and export business.

For further information please contact:

HULL COLD STORES LTD.,  
WALCOTT STREET, HULL, N. HUMBERSIDE,  
TELEPHONE (0482) 28086 TELEX 827386  
After hours Freezing Dept. Manligh (0482) 827752

## FISH HANDLING, processing and marketing

NEW FISH QUALITY LAWS  
Health tickets for fish factories

A COMPREHENSIVE quality control programme for fresh and processed fish and shellfish is expected to become law in Ireland next year.

New regulations involving the licensing of processing plants are being pushed through by minister for fisheries, Brian Lenihan.

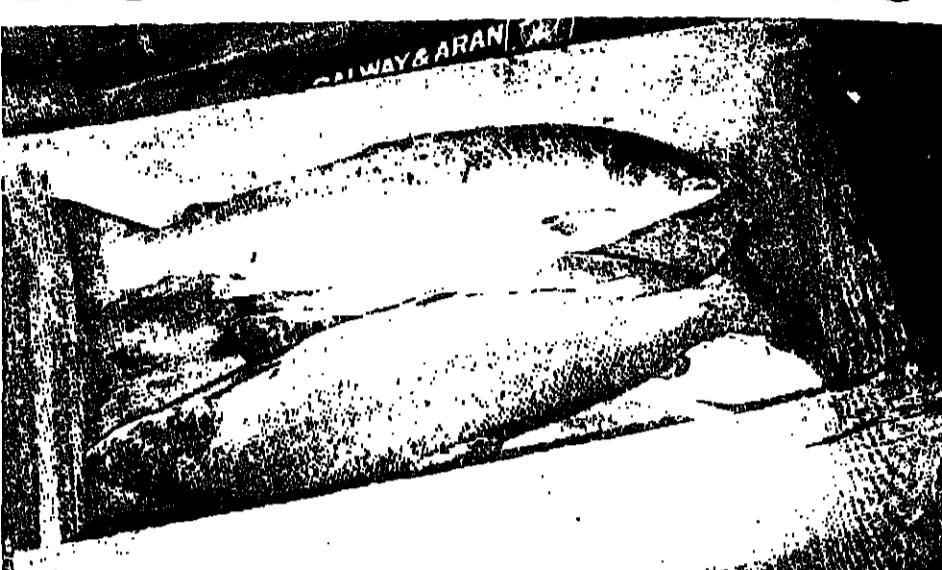
One of the main objectives of Ireland's fishing industry is to develop added value exports through processing ashore.

This will mean promoting Irish fish and fish products on some of the most consumer-conscious markets in the world, making it vital for the industry to give top priority to raising quality standards.

According to Tom Geoghegan, market development manager of the Irish Sea Fisheries Board (BIM), the new regulations — which will affect fishermen and processors — will ensure the highest standards of handling from the time the fish is caught, to sale on the home market or point of export.

They will "facilitate the introduction in certain specialty markets in Europe and elsewhere of branded fish products under a quality Irish label."

"As soon as the regulations for shellfish and pelagic fish come into effect," said Mr. Geoghegan, "it will be possible



High-quality Atlantic salmon landed at the Galway and Aran fisherman's co-op. But does the box match the fish?

ble to get the second stage of the new quality control programme underway.

"This concerns the setting up of quality standards for processed fish of all kinds, and the licensing of premises for production of these products."

Plant licensing will be a new requirement. "Each of the plants will be issued with a certificate of health," said

Mr. Geoghegan, "and this will be a tough one."

Overall, there has been a considerable improvement in the quality of Irish fish in recent years. This has largely been due to steps taken by BIM to introduce ice-making facilities into many ports.

Bulk landings are giving way to an increased use of pounds, and many boats are going over to plastic fish boxes especially since the development of the mackerel fishery.

On the demersal side, regulations governing the handling and presentation of fish have been in force for some years.

## Approval

However, there is widespread approval for Mr. Lenihan's new measures since the general consensus in the industry is that there is still room for improvement in quality at all levels.

John Holland of Galway Bay Seafoods goes as far as to say that quality control at the quayside is "a bit of a joke."

Fishermen, he explained, have been known to land third-day fish on top of the first day's catch, unknown to the processor.

A spokesman for the fishermen's co-op at Kilmore Quay complained of a lack of technical back-up: "Apart from BIM's laboratories, where could I get tests done on crab meat, for example?" he asks.

The Institute for In-

dustrial Research and Standards (IIRS) was set up by the government to provide a service, but they are so overloaded that they cannot cope with the small man."

Jim O'Connor, chief executive of the Irish Fish Producers' Organisation, accepts that "there has been a lack of implementation of proper handling regulations as far as fishermen are concerned."

"Due to the relatively small size of the fleet," he said, "ice has not been available in sufficient quantities. Also, there has been an attitude among fishermen — now fortunately dying out — that, as they were operating for the most part on a daily basis, there was no necessity for ice."

"Another factor has been the irregular supply which has meant that badly handled fish, at a time of scarcity, could fetch as much as good fish."

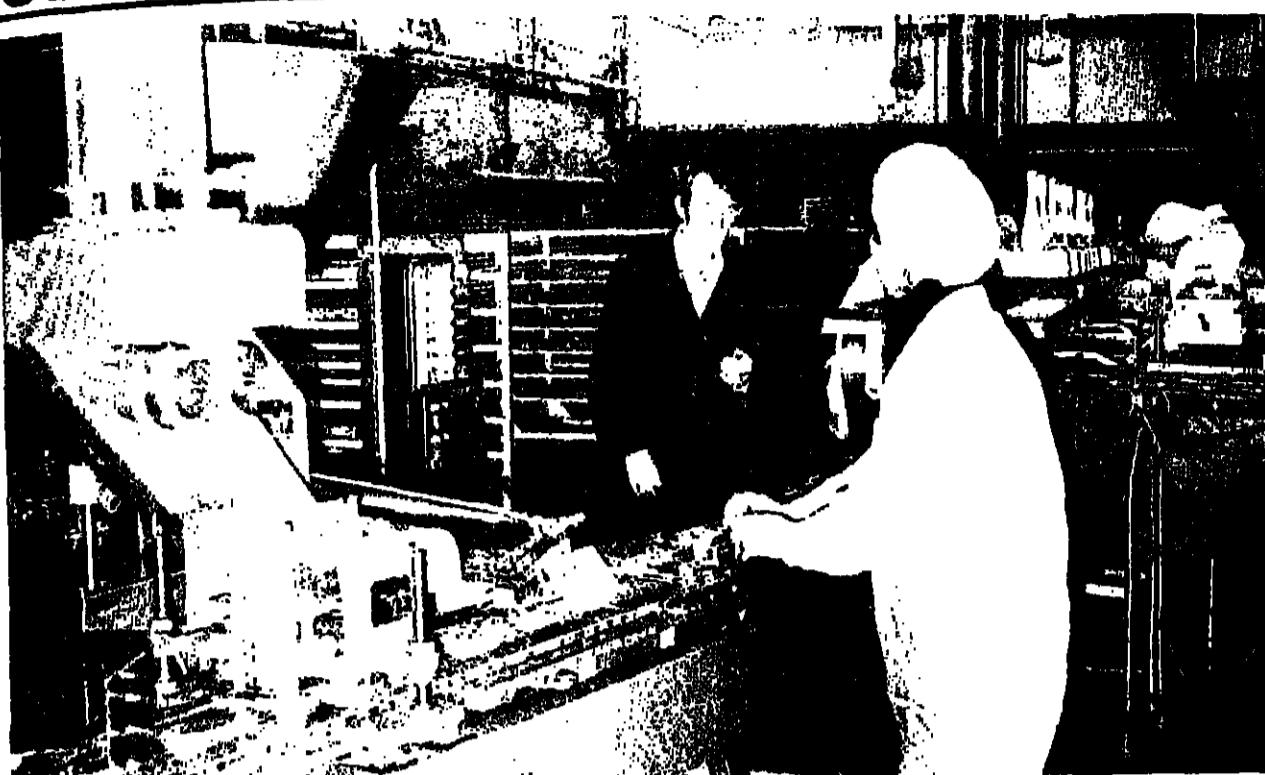
"We have been pushing for quality all along, and we are going to continue to push for it. We will be quite unyielding if any of our members are prosecuted for not adhering to the new regulations. But we want to see the same standards applying throughout the industry."

"One thing we are not satisfied with," added Mr. O'Connor, "is the lack of effort on the part of the people responsible for ensuring the implementation of such quality controls as do exist."

The Institute for In-

## FISH HANDLING, processing and marketing

## ON THE WAY IN IRELAND



## ...FIRST MOVE INTO CANNING

THE OPENING in February this year of Ireland's first fish cannery grade the value of the country's fish exports.

The £800,000 Campbell Seafare Ltd. plant at Dungloe, Co. Donegal, will be producing about four million cans of mackerel and herring during its first year. And, with space available inside the 2,000 sq. metre plant for a second machine line, there is scope for real expansion.

Campbell Seafare Ltd. is the latest processing plant opened by John Campbell, managing director of Campbell Seafoods Ltd. and chairman of the Donegal Fish Exporters' Association.

Supplies are obtained locally as fresh or frozen fillets from the affiliated plants in neighbouring Burtonport and Killybegs — both within easy road distance.

After thawing, the fish is packed in brine, either canned in oil or cooked and packed in sauces. Stringent quality checks are maintained throughout the process.

## Switched

By holding stocks in its own 1,000-ton cold store, Campbell Seafare can keep its machines — and around 40 employees — in work all year. This plugs the seasonal supplies gap that plagues many Irish fish processors.

The Campbell Seafare factory looks like being a forerunner of a number of fish canneries in Ireland which will boost the fish industry and provide much-needed employment.

The mackerel is being

## Affish now control Scottish factories

tion director at the three Scottish factories, will also be based in Grimsby.

Managing director of Affish, Graham Clarke, says that the new facilities will enable the company to offer improved services to both UK and overseas customers.

The manager of the Grimsby office, Albert Baker, will be trading in Grimsby and Hull with the help of George Williamson. Both men have worked with Affish in international trading companies of Associated Fisheries for some years.

Eric McDonald, produc-



## East Coast Traders Wholesale Fish Merchants Peterhead

When it's fish we are the people of PETERHEAD, the port on which Europe depends.

If your requirements are from £1000 to over £1,000,000 annually you can depend on us.

We supply Wet or Frozen Wholefish or Fillets Bulk or consumer packs. Our management have 40 years experience in the fish industry.

Telephone Peterhead 3222 Telex 73356.

## NORMAN PACKAGING SERVICES LTD.

Solid and corrugated containers and polythene lined fish boxes.

RAILWAY STREET, GRIMSBY,  
S. HUMBERSIDE DN2 7BN  
Telephone: Grimsby 41238/9

Large variety of fresh and frozen shellfish always available.  
Supply: Wholesalers Shops . Hotels Restaurants Public houses etc.  
Daily deliveries arranged

GRIMSBY SHELLFISH CO. LTD.  
2 RIBBY STREET, GRIMSBY  
Tel. Grimsby 83871, 88617 & 80386. After hours (0472) 40884

J. VICKERSTAFF & CO. LIMITED  
Birmingham's LARGEST Wholesale Fish Merchant  
and Scottish Salmon Specialists  
BIRMINGHAM'S WHOLESALE FISH MARKET  
14-17 RIBBY STREET, BIRMINGHAM, B1 5UH  
Telephone 021 222 1000, 222 1011, 222 1012, 222 1013, 222 1014



## BEDFORD and GIFFORD

King Edward Street  
GRIMSBY  
Tel. 56122 Telex 527302

Paper & Polythene  
BAGS, CARRIERS,  
WRAPPINGS  
SPECIALISTS TO THE FISHING INDUSTRY

We're Only Little  
But We're Good



Nowadays size isn't everything. More and more, distributors are adding Coalition products to their range. Thanks to our personal service and quality, this service helps us to develop and continue. Seafoods, our quality concern, is now stockable. Our 'small' company still has the resources to come up with the goods... Service, quality and choice are the most important person in our office is 'you', the distributor. Our policy is always to deal with you, only you. After all, your success is our success, so we ought to stick together.

We have a full range of breaded and plain fillets in catering and retail packs and a host of ancillary seafood products to satisfy the catering and home freezer trade.

Tell the little one today, find out how 'good' it can be. Ring Mick Mills on the number below, you'll be pleased you did!



R. & J. WOODS LIMITED  
NORTH WALL FISH DOCKS, GRIMSBY.  
Telephone (0472) 53521

For Finest *LK* Frozen Fish

**Len Kemp Limited**

**Fresh from the Sea!**

**Suppliers to the Catering Trade of block and single frozen fillets also breaded products.**

1lb. and 2lb. poly. bags a speciality

Len Kemp Ltd. Murray St. Fish Docks, Grimsby.

FISH HANDLING, processing and marketing

# AGENCY DEAL FOR COOLING SYSTEMS

A NORWEGIAN manufacturer of on-board refrigeration equipment has set up a sales deal with a Scottish firm.

Kvaerner recently concluded an executive sales agreement with Scandinavian Marine Sales Ltd. of Glasgow, which will act as sole representative in Britain and Eire.

Kvaerner has for many years specialised in refrigeration equipment for fishing vessels and it is one of the leading European companies manufacturing and supplying fishroom, refrigeration, plate and tunnel freezers, and refrigerated sea water (RSW) circulation systems.

With 200-mile limits and quotas, fish quality has never been more important. Fishroom refrigeration and RSW systems are, therefore, playing an increasing role in modern fishing.

Kvaerner has been to the forefront for many years in the design of this equipment, particularly RSW circulation systems. It has supplied more than 70 to vessels in Scandinavia and also Scotland's largest and most successful purse seiners, including *Sette Mari* and *Chris Andre*.

The firm is also supplying RSW systems to four new



The 135 ft. purse seiner *Chris Andre* has a Kvaerner RSW system and Brunvoll thrusters.

purse seiners under construction in Norway for Holland and Norway for Scottish skippers.

Scandinavian Marine Sales has also concluded a sales agreement with another

These units, manufactured

by Brock Brundt A/S, are

standard equipment in the

Scottish purse seine fleet, giving the manoeuvrability boats require for this fishing operation.

## Floating factory

Continued from page 17

national, Tomasz Ciechowski is an important link between the British and Russians. "Take Tomasz away and we would be finished," said Skipper Jim Slater when *Fishing News* went aboard his 140ft. purse seiner *Sette Mari* while she was transhipping mackerel last week.

*Sette Mari* had returned from a short, sharp and profitable trip and was putting 35 tons aboard *Rybak Latvii*. This was taken in one shot in three hours, six miles south by west of The Dodman. While this was an unusual trip in good weather, Jim Slater was quick to point out that there are big problems with the weather off Cornwall.

There is no doubt that transhipping at sea in rough weather is highly dangerous operation. "Terrifying", was how Jim Slater described it. He said that on one occasion the bilge of *Sette Mari* was touching the factory ship's rail.

Rubber cylindrical fenders and big tyres are used by the Russian ships. Some catcher boats were sustaining damage and Skipper Terry Thresh, of the 280ft. Arctic *Galliard*, pointed out over the radio that he thought his ship needed to be fendered as well as the Russians.

By British standards the scale of the operation is big and, while it is successful, there are still some problems. Catcher vessels are still trying to operate in the same way as with a shore-based fish market. There still needs to be some planning among catcher boats about the time of arrival at the factory ship.

Working on a fixed price arrangement, without the customary dash for the auction, should simplify the problem. As it works now, the buyers are losing production and the catchers losing fishing time.

Catchers are endeavouring to keep clear of local line-boats, but there is a feeling among trawlersmen that it would help if the small liners used the right lights at night. Also, hauling with lights would help to avoid accidents.

There are some difficulties

from local trawlers which

find that, because of the

purse seiners' huge gear, they

cannot get in at the shoals.

The Russians are keen on a

good relationship with the

British fleet, but they are no

pushover to take any fish.

"Fortunately, the fish here

is better quality than off the

west coast of Scotland in the

summer. It has half the fat

content," said Jim Slater.

With some heavy hauls of

mackerel being taken the

quotas are proving something

of a problem but, the three-

day 'roll-up' period allowed

on catches, is helping

skippers to spread out their

fishing.

MAFF inspector Terry

Nichols, who came aboard

*Rybak Latvii* with *Fishing*

News, said he is very im-

pressed by the set-up and

happy to see the quota system

working. "Local men have

developed a very impressive

system for monitoring

catches," he added.

Dealing with London-for-

There is no doubt that the

Russians hope that this year

is the start of a long working

relationship with the British

fishermen — mackerel fishermans.

There is no doubt that the

Russians hope that this year

is the start of a long working

relationship with the British

fishermen — mackerel fishermans.

"We'll see you again at

Ullapool next summer," they

said as we left the ship.

## 50 years 'on the job'



THE POWERS behind Barnett's Frying Pan Alley—famed for its smoked salmon—have just celebrated 50 years in business. To mark the occasion cousins, Joe and Morris Barnett, were each presented with a gold watch by Associated Fisheries. Their fathers were sons of the Barnett who founded the company.

Joe runs the selling side of the company from Associated Fisheries' offices in London, while Morris is the managing director of the smoke house in Loughton, Essex.

If you are wondering what that was a present to Joe from his late father,

While not wishing to dignify Associated Fisheries' generosity, Joe said: "The comparison sometimes comes up that individuals are more fun than big organisations."

**GM21.**

21ft. x 8ft. 6ins. x 2ft. 6ins. x 3ft. 3ins. x 6-5ton.  
Hull mouldings from £875.,  
heavy duty £994.  
Finished craft from £5,950.

**GM26.**

26ft. x 9ft. 6ins. x 3ft. 3ins. x 6-5ton.  
Hull mouldings from £1,730.  
Finished craft from £14,750.  
Wheelhouse moulding £575.

**GM32.**

32ft. x 12ft. x 4ft. x 10-5ton.  
Hull mouldings from £2,920.  
Finished craft from £18,350.  
Wheelhouse moulding £575.

**GM36.**

36ft. 3ins. x 14ft. x 5ft. x 19ton.  
Hull mouldings from £4,980.  
Finished craft from £25,500.  
Wheelhouse moulding £575.

**GM43.**

43ft. x 17ft. x 7ft.  
Registered length 39ft. 9ins.  
Hull mouldings from £7,520.  
Finished craft from £40,000.  
Moulded wheelhouse & galley unit £1,820.

SEE US AT THE 1978 LONDON BOAT SHOW, STAND J8

There are now five boats to choose from in the Cygnus GM range, covering 21ft. to 37ft., and for 1978, 43ft.. All our hulls are moulded in excellent conditions with strict quality control over materials used. Designed by Gary Mitchell, our hulls feature heavy displacement, deep fore-aft beam, and their seaworthiness is the yardstick by which others are measured. At Cygnus, we can say our customers are our most successful salesmen. You can buy hulls in any stage of completion, from bare shells to 'afloat Falmouth'. If you're thinking of a boat for 1978, invest in any of the Cygnus fleet — they offer the best there is.

**Cygnus the big name in Fishing Boats.**

For full details contact Chris Brook, Cygnus Marine Ltd., Britannia Yard, Kenilworth, Warwickshire CV8 1JL, Tel: Kenilworth (0926) 74270. Telex 842922.

Road Industrial Estate, Peppermill, Tel: Peppermill (0926) 74270. Telex 842922.



**Why not be seaborne with  
SEABOURNE ELECTRONICS LTD**

**IN STOCK NOW!**

**DECCA AND SEASCAN RADARS  
SEAVOICE, SAILOR RT144  
DANCOM TR403B**

**OTHER STOCKS INCLUDE**

Fishfinders, Sonar, Auto-pilots  
SSB Radio telephones, Gas Detectors,  
etc.

**★ All Leading Manufacturers ★**

**DECCA : SAILOR : DANCOM :  
SEAFARER : WESMAR : FURUNO :  
DELVIN HUGHES : NECO :  
CETREK : WALKER : KODEN :  
FERROGRAPH**

**First Class Service  
for the South West**

It costs no more to have the best and  
our experience does count.

**SEABOURNE ELECTRONICS LIMITED**

27 Southgate Street, The Barbican, Plymouth

Tel. (0752) 28114 — Telex: 45486

**SERWINCH LTD.**

Unit 18, St Michael's Trading Estate  
Bridport, Dorset DT8 3RR  
Telephone: Bridport 56232

**CAPSTANS  
LINEWHEELS  
NET HAULERS  
PUMPS  
COMPLETE KITS**

*Reliable Power  
for the  
Inshore Fisherman*

**EURONETE**



*the world name  
in precision netting*

**TRAWL GEAR  
NETTING - TWINES - ROPE  
FLOATS AND BOBBINS**

**Special:**

18" x 5" SOLID RUBBER BOBBIN  
£9.89 EACH

21" x 6" SOLID RUBBER BOBBIN  
£11.96 EACH

DELIVERY: EX STOCK  
CARRIAGE AND V.A.T. EXTRA

**EURONETE (U.K.) LTD.**

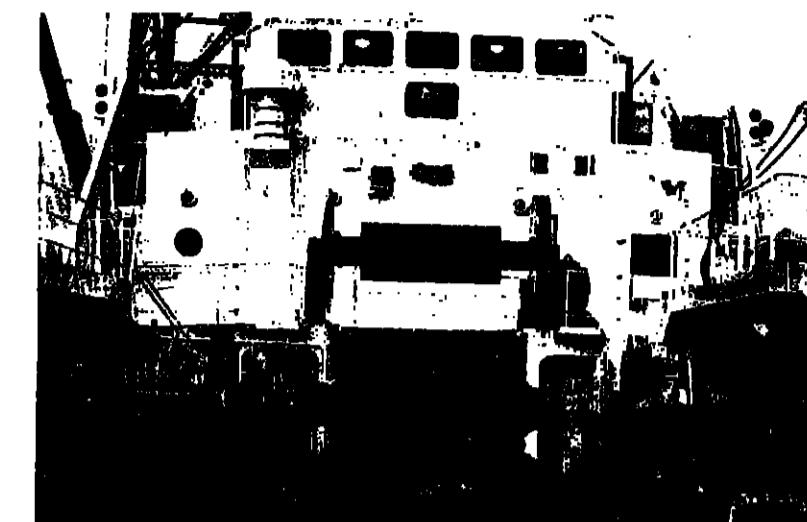
SIDINGS RD., FLEETWOOD, LANCs  
Tel: Fleetwood 2341 (038 17)  
Telex: 67800 Euronete Fleetwood

**Modern Reliable  
Deck Machinery**

It is almost essential for pelagic fishing that a net drum be installed. Robertson's supply a range of drums with various drive systems for all classes of fishing vessels. Our range extends from 3 cubic metres to 16 cubic metres with pulls up to 62 tonnes.

**James  
Robertson**

& Sons (Fleetwood) Ltd. Dock Street, Fleetwood FY7 6JH, England.

**TRAWL WINCHES  
AND NET DRUMS**

Telephone 3414. Telex 67231.

**WILLS-RIDLEY  
HYDRAULIC STEERING GEAR**

Hand or power hydraulic for craft from 25ft to 150ft in length.

Power assisted conversions of hand hydraulic steering gears a speciality.

1002 Winterstoke Road, Weston-Super-Mare  
Avon BS22 3YG  
Tel: (0934) 28114. Telex: 449533  
(Answerback: Wills G). Cables: Steering,  
Weston-Super-Mare

**GOODRIDGE (U.K.) LTD.**

*For the full range of*

Aeroquip

Low, Medium and High Pressure, Rubber and Stainless Steel  
Hoses with BSP, JIC, NPT and Metric Fittings for  
Hydraulic Oil — Engine Oil — Fuel — Water giving  
The finest possible protection from Pressure, Temperature,  
Vibration, Abrasion and Corrosion.

24 HOUR NATIONWIDE DELIVERY SERVICE  
Collins Road, Totnes, Devon TQ9 8PJ. Tel (0803) 862007  
Send for 1978 Marine Catalogue

**TYPE 5A WATERTIGHT FITTING**

D.C. voltages  
24v, 110v, 220v  
A.C. voltages  
115v, 240v, 50/60 cycles  
Send for catalogue:

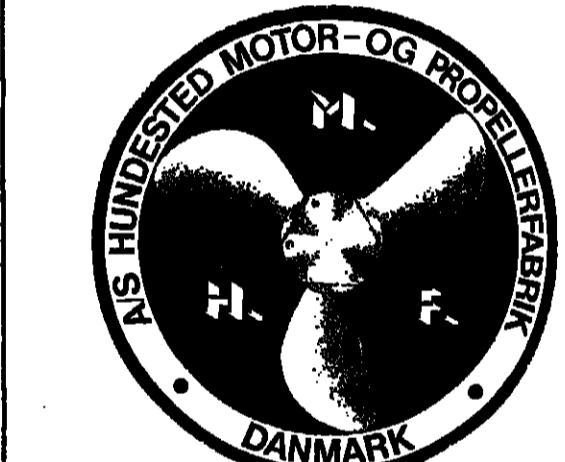
Dept LN, SONDIA LIGHTING LTD.,  
48 PORTLAND PLACE, HULL, HU2 8QP  
Telephone: 0482 223363  
Manufacturers of Marine Lighting Fittings

**WAYDON**

Mouldings Ltd.  
Tel:  
BURTON LATIMER  
3488  
  
LOBSTER POTS  
Moulded in Polypropylene  
giving a very tough pot.  
Detachable base for inter-  
stacking during carriage.  
Available ex-stock!!!!  
at £4.75 + VAT & Carriage  
Finedon Station Road, Finedon  
Northamptonshire NN10 8LS  
Telephone: 0536 797957

**HUNDESTED MOTOR &  
PROPELLERFABRIK LTD**

3390 HUNDESTED, DENMARK  
Phone 03-337117. Telex 40245 hmf dk



U.K. Spares and Service Agent:  
ANGLO DANSK, Robinsons Lane,  
Fish Docks, Grimsby,  
Tel 0472 514578 Telex 527323

**DEUTZ  
in Scotland  
means  
DUNCAN  
ROGERS**

Dependable DEUTZ Diesel Engines  
from one to sixteen cylinders  
3hp - 500hp air cooled  
150hp - 10,000hp water cooled  
for Sales, Spares, Service —

Duncan Rogers (Engineering) Ltd  
AGRIFFE AVENUE  
BLITHWOOD ESTATE  
RENTHWAITE, PA 7 8EP  
Telephone: 041 383 7957

DRE

**Seiners sail in to  
join Grimsby fleet**

GRIMSBY'S large fleet of anchor-seiners are in dock for their winter lay-up — but there is still plenty of activity behind the scenes.

Four more additions to the fleet have been made in a flurry of business deals between the Humber port and Denmark.

Leading the way was A. E. Richardson & Co. Ltd. with the delivery of the new multi-purpose Queenie S. (GY 344) from the Danish builders, Marstal Traekibvaerft a/s.

The 60 ft. oak-on-oak vessel is powered by a Gardner 4.13 main engine of 238 bhp at 1,150 rpm.

She is the last order for new tonnage lodged by the Grimsby firm with Danish builders, especially the yard at Marstal, in recent years. And this programme of rebuilding has made the Richardson fleet the most modern in the port.

Queenie S. differs only slightly in design from previous Marstal orders and only the new two-drum Grimsby seine rope storage reels, forward on the port decking, make her visibly different from her elder sister-ship.

Skipper Otto Kjaergaard has been given command of Queenie S. and, having expressed satisfaction with her performance on the trip over from Denmark, he wasted no time in port. He was soon heading back to sea again on a maiden voyage industrial fishing for sprats.

Meantime, three more secondhand Danish vessels joined the Grimsby fleet. These deals now mean that this year no less than 10 former Danish anchor-seiners or multi-purpose vessels have been bought by Grimsby owners.

Two of the purchases will

spare through Danbrit, the

agency still less than one year old but already a force with 25 vessels on its books. From Fisherberg the agency has acquired Grever (GY 368), a 12-year-old craft of 50 tons which will ultimately undergo conversion into a pair trawler.

Yet another vessel has arrived for Sam Chapman's.

This agency alone has taken

delivery of five former Esh-

ing anchor-seiners this year.

And its latest is Bequia Jensen.

The 40-ton vessel has been

bought by the Jay Fishing Co.

Also to work through the

Danbrit agency for Grimsby

owners is the former Tyboron.

This vessel has been re-

registered as BCK 168 and is

at Buckie, Scotland, under-

going alterations before heading

south for the Humber.

A spokesman for the Chap-

man agency told *Fishing News*

that further expansion of

its 15-strong fleet is con-

fidently expected in the New

Year.

With nearly all Grimsby's

small boat agencies express-

ing similar sentiments,

the port seems set for a big in-

crease in catching power at

the expense of the Danes.

Chapman's also announced

the seiner White Bank has

been partly bought by Con-

sidered Fisheries (Seiners)

Ltd. in a local deal and she

will operate through the Con-

sidered agency in future.

The seiner Mary Roni

has been re-registered as

BCK 169 and is

at Buckie, Scotland, under-

going alterations for heading

south for the Humber.

A spokesman for the Chap-

man agency told *Fishing News*

that further expansion of

its 15-strong fleet is con-

fidently expected in the New

Year.

With nearly all Grimsby's

small boat agencies express-

ing similar sentiments,

the port seems set for a big in-

crease in catching power at

the expense of the Danes.

Chapman's also announced

the seiner White Bank has

been partly bought by Con-

sidered Fisheries (Seiners)

Ltd. in a local deal and she

will operate through the Con-

sidered agency in future.

The seiner Mary Roni

has been re-registered as

BCK 169 and is

at Buckie, Scotland, under-

going alterations for heading

south for the Humber.

A spokesman for the Chap-

man agency told *Fishing News*

that further expansion of

its 15-strong fleet is con-

fidently expected in the New

Year.

With nearly all Grimsby's

small boat agencies express-

ing similar sentiments,

the port seems set for a big in-

crease in catching power at

the expense of the Danes.

Chapman's also announced

the seiner White Bank has

been partly bought by Con-

sidered Fisheries (Seiners)

Ltd. in a local deal and she

will operate through the Con-

sidered agency in future.

The seiner Mary Roni

has been re-registered as

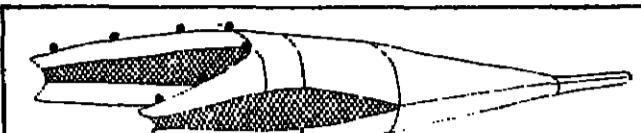
BCK 169 and is



## Official and Classified ADVERTISEMENTS

Continued from Page 29

### FOR SALE



#### SOUTHERN NETS LTD. RYE, SUSSEX

WE ARE IRELAND'S LARGEST EXPORTERS OF I.Q.F. AND MARINATED MUSSEL MEAT, TO THE U.K. WE SPECIALISE IN MEETING CUSTOMER'S OWN PACKING REQUIREMENTS. TO ENJOY THE SUPERB QUALITY OF LETT'S IRISH MUSSELS AT KEENEST MARKET PRICES, CONTACT US DIRECTLY AT:

## LETT'S I.Q.F. MUSSEL MEAT MARINATED MUSSEL MEAT

WE ARE IRELAND'S LARGEST EXPORTERS OF I.Q.F. AND MARINATED MUSSEL MEAT, TO THE U.K. WE SPECIALISE IN MEETING CUSTOMER'S OWN PACKING REQUIREMENTS. TO ENJOY THE SUPERB QUALITY OF LETT'S IRISH MUSSELS AT KEENEST MARKET PRICES, CONTACT US DIRECTLY AT:

**LETT AND CO. LTD** Telephone: 22811  
**BATT STREET** Telex No. 8614  
**WEXFORD, IRELAND**

Available in two or three subtle versions for rough or smooth ground. Two seam mesh available from £40 to £400. LARGE STOCKS of Sheet Trawl netting in many sizes.

### OTTER BOARDS

2' 6".....CB6  
3' D".....CB8  
3' 8".....CB9  
4' 0".....CB10  
5' 6".....CB11

### GROUNDROPE RUBBERS

Available in all sizes Catalogue available 50p. Send S.A.E. for free bowl design sheet.

### SPECIAL

Black braided trawl netting: 3.5mms. 70mms mesh - 200 meshes x 120 meshes deep. Price £68 - limited stock.

**SOUTHERN NETS LTD.**  
Lower Cross, Udimore, Rye, Sussex.  
Telephone: 2155 or 3844 (code 078-73)

### MODERN INSHORE FISHING

The revolutionary book on the latest techniques of smaller boat fishing, sea-keeping, economics gear etc. £1.20

from R & B LEAKY, Dept PN2 Settle, York BD24 08A

MONOPHIL nets 0.40 31in. 30 mesh deep, 30 fathoms long, hardly used. £40 each. 64 Lansbury Road, Halesworth, Suffolk.

NEW 60 FATHOM trammel net, fully rigged, 60 fathoms, 113x4.3ft deep. £91.20 including VAT, carriage paid. C. P. Harvey, 58 Manor Road, Settle, York.

**R. M. J. ENGINEERING**  
7 HOLTON HEATH INDUSTRIAL ESTATE, POOLE, DORSET  
Telephone: Lytchett Minster 4820 (Blandford 54982 evenings)

## ESCALLOP BELLIES

### ANY TYPE! ANY SIZE! COMPETITIVE PRICES

For further details contact:-

**W. R. WILCOCK**  
"GEN COT"  
GLEN ROAD, COLBY or METAL ENTERPRISES  
ISLE OF MAN  
0824 - 82 - 3499  
(Day or Night)  
0824 - 833419

Messages may be left with  
Metal Enterprises  
0824 - 82 - 3499  
(Day or Night)

**COX 22**  
LTD.  
17 High Street,  
Market Rasen.  
Tel: 084 388 432

## RADIO ACTIVATED MARKER

This Xenon marker will enable you to locate your pots 24 hours a day. Activated by a signal from your boat the xenon flash is even in daylight, it takes the looking out of searching.

**BRIDPORT GUNDRY LTD (BEETONS BRANCH)**  
Nylon Sheet Netting  
Twine Cut Meshing Inch Full Length Yards Price £/yd  
NYLON SHEET NETTING  
210/12 (42) 120 1/2 100 25.00  
210/12 (42) 130 1/2 100 25.00  
210/12 (42) 40 1/2 100 17.45  
210/9 (32) 60 1/2 120 39.60  
210/24 (82) 40 1/2 250 36.75

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

An price includes VAT and carriage charges.  
Limited sites available. Send order and remittance to:  
**BRIDPORT GUNDRY LTD. (BEETONS BRANCH)**  
Battery Green Road, Lowestoft, Suffolk  
Telephones: Lowestoft (0802) 2939

**SHIPS ROLLERS FOR THE FISHING INDUSTRY**  
Sherways Rope Oubits Ltd.  
51 NORTH STREET PETTERHEAD  
Telephone: 0779 71810

**TWO propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.

**MONOFILAMENT TROUT AND SALMON NETTING**  
40 60 1/2 100 23.40  
45 40 1/2 100 20.25  
75 40 1/2 100 14.75

**Two propellers for Kelvin**  
150/120 ft. diam. propeller shaft  
150 ft. long. 31 in. dia.  
Shaft tube with sliding link and  
solid bearing. 1000 RPM at 150 ft.  
Imp. Telephone: Newlyn 195.



## Official and Classified ADVERTISEMENTS

Continued from Page 31

### PUBLIC NOTICE

**Notice to Mariners**  
**SHELL EXPRO'S GASLINE TERMINATION**  
Current work on the St. Fergus/Brent Gasline has now ceased for winter months. The end of laid down section of the pipeline is on sea-bed at following position: 59°48'58.4"N 00°08'08.7"E.

Which computes to following Deco-coordinates.  
**CHAIN 6C NORTH SOCTT18H**

**CORRECTED OBSERVED COMPUTED GREEN (2) D 47.87**

(C-O) — 0.16

**OBSERVED DECOMETER READING (2) E. 30.02**

**CORRECTED OBSERVED COMPUTED PURPLE (1) F.67.46**

(C-O) — 0.40

**OBSERVED DECOMETER READING (1) F.67.88**

**CHAIN OF BERGEN**

**CORRECTED OBSERVED COMPUTED RED (1) E.16.81**

(C-O) + 0.16

**OBSERVED DECOMETER READING (1) E.18.78**

**CORRECTED OBSERVED COMPUTED GREEN (3) F.45.04**

(C-O) + 0.16

**OBSERVED DECOMETER READING (3) F.44.89**

**CORRECTED OBSERVED COMPUTED PURPLE (1) G.67.06**

(C-O) + 0.13

**OBSERVED DECOMETER READING (1) G.66.83**

It should also be noted that attached to the end of the pipeline is 1000 feet of 3" dia. wire rope lying on sea bed on a bearing of 037° from pipeline.

### NOTICE TO MARINERS

#### ROCK DUMPING ON SHELL EXPRO'S GASLINE

Rock dumping on the St. Fergus/Brent gasline is being carried out by the vessels "Avelingen" and "Frans" and will continue for several further weeks. As a result of weather delays it is now anticipated that the work will continue until about the end of the year.

First location is pipeline chainage Km. 4.8 to Km. 6.3 which is equivalent to Deco main chain 6c green, D32.74 to D33.59 and purple H62.26 to H62.47.

### Rock Dumping Vessels

#### "FRANS" and "AVELINGEN"

These vessels which are at present working over the St. Fergus/Brent Gasline, frequently lay to two anchors the cables of which extend 550 metres up current from the vessel. A wide berth is requested.

### VESSELS WANTED

POTTER 32-40ft. 1966 onwards. Full details please. Box No. 767.

WANTED 25/27ft. angling, working place ast. maximum 10 years old. Spanish coast area preferred. Tel: 0803-63442 evenings.

TRAWLER wanted, larger one preferred, any condition considered, must be really clean. The Trawler Ltd., Knoll Hill, Belgrave Road, Bishop's Stortford, Hertfordshire, UK. Tel: 0923 700326 or 700 570.

### BOAT BUILDERS

ELTON BOATBUILDING CO. classic boatbuilding 14-20ft. oak, 28ft. open boats, 24-28ft. engine. Castledykes, Kirkcudbright. Telephone: 0317 80177.

LOBSTEN boats and pleasure launches built in teak on oak, repair work undertaken, all types of marine engines supplied and installed. Richard McElroy, Boatbuilder, The Harbour, Johnshaven, by Montrose, Angus. Telephone: Banff 262.

WORKBOATS fitted out to owners requirements 10ft. to 35ft. Swan Boats Co., Weymouth. Telephone: 2108.

### MARINE SURVEYS

SEA SURVEYS, 25 North Road, Rixton BS8 5AD. Prompt professional surveys and valuations. Stability books made up to DFT approval according to new regulations. All types surveyed. 0223 30573. (24 hours)

### ENGINES FOR SALE

#### FOR RELIABILITY GARDNER DIESELS 110-230 HP

First class marine engine units fitted with reconditioned Gardner diesels and any reduction up to 1:1, front and drives, AC7 alternators, bilge pumps and any ancillary equipment required.

Other popular makes of engine, stern tubes, shafts and steering gear supplied.

For prompt service and delivery contact:



FISCHCRAFT  
of  
FOLKESTONE

1 The Stade  
The Fishmarket  
Folkestone, Kent  
Tel. (0303) 89920  
(0303) 892741

#### VIKING MARINE INTERNATIONAL

are now offering 23-220 horse power

#### GUARANTEED MARINE DIESEL UNITS FORD - BMC - CUMMINS

HIGH-QUALITY MARINISATION PARTS ALSO AVAILABLE

For fast, courteous, service contact:  
V.M.I. Plain Road, Folkestone, Kent  
Telephone: 57127 • Telex: 866281

FOR SALE Deutz SABM 56hp marine diesel engine. Telephone: 01779-81337 after 8 pm.

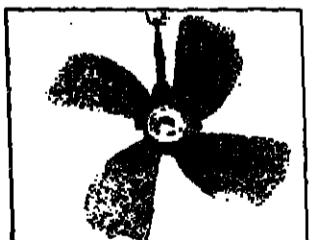
FOR SALE Gardner 6L8 114hp with shaft, tube etc. Telephone: 0853 33 910.

NOTICE TO MARINERS Rock Dumping on St. Fergus Brent Gasline

Rock dumping on our gasline will be carried out initially by vessel "Avelingen" followed by one or two other vessels and will commence 1st October 1977. First location is pipeline chainage Km. 4.8 to Km. 6.3 which is equivalent to Deco main chain 6c green, D32.74 to D33.59 and purple H62.26 to H62.47. We anticipate completion of the above section within approximately one month of starting.

### WOULD YOU BELIEVE IT?

The pictures show the same propeller before and after repair at Brunton's.



That's the sort of result you can expect when you have your damaged propellers repaired at Brunton's.

For all your propeller and sterngear needs, including the new Superston Screw, contact:-



BRUNTON'S PROPELLERS LTD  
Inverboynie, Banff AB4 2JF  
Phone: Banff 2709 Telex 73143



M. J. HAYNES, Designer/Proprietor  
M. J. HAFFENDEN, Production Manager  
VERSATILITY WORKBOATS OF RYE  
RYE YACHT CENTRE, RYE, SUSSEX.  
TN31 7HJ, ENGLAND  
TELE: RYE 3336

DESIGNERS and BUILDERS OF HEAVY DISPLACEMENT WORKING CRAFT UP TO 16 TONNES

In Glassfibre Reinforced Plastic - In Hull form of any stage of completion  
Designed & Approved by The Vessel Registration Authority & The Department of Trade and Industry

Send SAE for details, enclose 25p PO for sample offer on snood with stainless steel trace.

WHEN ORDERING GOODS ADVERTISED IN OUR CLASSIFIED COLUMNS WE ASK OUR READERS NOT TO SEND MONEY IN ADVANCE BUT TO PAY CASH ON DELIVERY.

R. H. PUSHERELL,  
ADVERTISING DIRECTOR



4.230 Perkins, Ford type 21 box D.D. Coultby, Mersey 21, Old Chester Road, Birkenhead, Merseyside. Telephone: 051-843 3888.

LISTER single cylinder marine engine with 2:1 reduction gearbox, complete with 1:1 stern tube etc. prop. shaft 2350. Telephone: Criccieth 2408 (076 671).

FORD Mermaid single cylinder, fully marinised, Perkins P3 generator marinised, unused. BMC 1 engine, fully marinised. Telephone: Rufford 821139 after 6pm.

KELVIN KRC 132hp godwin with or without stern tube. Telephone: Carradale 15831-322.

MOTORI SANZI DIESEL  
Air cooled marine engines 74-220 with reverse - reduction gearbox and service in U.K. Contact:

GLAZEBROOK ENGINEERS  
CABRIS BAY, ST. IVES, CORNWALL  
Telephone: 7381

ONE SKL type NVD 38 six cylinder 300hp engine, direct reversible, in running condition. This engine is being replaced by new engine, early January 1978. Enquiries Box No. 770. Telephone: 0631-4788.



### GOLLOP TRAWLS

The South-West's Trawl Net Factory

MILLGREEN, LYME REGIS, DORSET  
Tel. Lyme Regis 3620

### AGENT FOR IVER CHRISTENSEN'S

Single and Pair Boat Midwater Trawls, Shrimp and White Fish Trawls, Tangle Nets for Plaice, Sole and Cod.

### S.W. AGENT FOR EURONETE

Skagen Warp, Orange P.E. Rope, Blue P.P. Rope, Twines and Netting, Shackles, Swivels and Floats.

### TOP QUALITY UTZON NETTING

For the repair of I.C. Midwater Trawls.

Plus our own range of Trawls for vessels 20ft. - 90ft.

### LONGLINING USING CLIP-ON SNODDS

Complete range of inexpensive gear available

### CLIPS, SNODDS, HOOKS/SWIVELS

### ROPE DRUMS, SNAP BUCKLES

### LINE HAULERS, ANCHORS

### LINE BINS, DANS AND MARKERS

### ETC.

Send SAE for details, enclose 25p PO for sample offer on snood with stainless steel trace.

### TRANSATLANTIC

### FISHING SYSTEMS LTD.

42 Comfort Road, IRBANDON,

Birch Row, TIVERTON, DEVON

56 Netherside, MIDLTON, CORNWALL

Telephone: 01208 821000